Ephemerides, &c.

Ὠλύμπια Δώματα.

OR, AN

ALMANACK

For the YEAR of

Our LORD GOD, 1746.

ing the second after Bissextile, or Leap-Year.

And from the World's Creation, 5750.

Wherein is contained the Lunations, Conjunctions, Aspects, and Effects of the Planets; the Increase, Decrease, and Length of the Days and Nights; with the Rising, Southing, and Setting of the Planets and fixed Stars throughout the Year; whereby may be known the exact Hour of the Night at all times, when either the Moon or Stars are seen.

lculated according to Art, and referred to the Horizon of the ancient and renowned Borough-Town of *Stamford* (formerly a famous Universi-y) whose Latitude is 52 deg. 40 min. fitting ll the middle Counties of *ENGLAND*, and ithout sensible Error the whole Kingdom.

Heaven's Volumes are epitomized here,
To shew th' exact Description of the Year.

y TYCHO WING, *Philomath.*

LONDON:

nted by T. PARKER, for the Company of STATIONERS.

Common Notes for this preſent Year, 17

Engliſh or Old Account		Foreign New Acco
18	Golden Number	18
19	Cycle of the Sun	19
18	The Epacts	7
E	Dominical Letters	B
9	Number Direction	20
9	Roman Indiction	9

A Table of Terms and their Returns.

Hilary-Term begins *Jan.* 23, ends *Feb.* 12.

Returns or Eſſoign-days.		Exc.	Ret.	Ap.
In eight days of St. *Hilary*,	*Jan.* 20	21	22	23
From the day of St. *Hilary*, in 15 days,	27	28	29	30
On the morrow of Purif. of the B. *Mary*,	*Feb.* 3	4	5	6
In 8 days of the Purif. of the Bleſſ. *Mary*,	9	10	11	12

Eaſter-Term begins *April* 16, ends *May* 12.

From the day of Eaſter, in 15 days,	*April* 13	14	15	16
From the day of Eaſter, in 3 weeks,	20	21	22	23
From the day of Eaſter, in one month,	27	28	29	30
From the day of Eaſter, in five Weeks,	*May* 4	5	6	7
On the morrow of the Aſcenſion,	9	10	11	12

Trinity-Term begins *May* 30, ends *June* 18.

On the morrow of the Holy Trinity,	*May* 26	27	28	30
In eight days of the Holy Trinity,	*June* 1	2	3	4
From the day of the Holy Trin. in 15 days,	8	9	10	11
From the day of the Holy Trin. in 3 weeks,	15	16	17	18

Michaelmas-Term begins *October* 23, ends *Nov.* 28.

From the day of St. *Mich.* in 3 weeks,	*Oct.* 20	21	22	23
From the day of St. *Michael*, in 1 month,	27	28	29	30
On the morrow of All-Souls,	*Nov.* 3	4	5	6
On the morrow of St. *Martin*,	12	13	14	15
In eight days of St. *Martin*,	18	19	20	21
From the day of St. *Martin*, in 15 days,	25	26	27	28

N. B. No Sittings in *Weſtminſter-Hall* on Aſcenſion-day, Midſ
day, the 1ſt and 2d of *November*, and the 2d of *Februar*
The *Exchequer* opens eight Days before any Term begins, except
before which it opens but four Days.

Note, That the firſt and laſt Days of every Term are the
Appearance.

The Regal Table.

Year, Month, and Day, each King and Queen n to Reign, accounting Year to begin *Jan.* 1.		Length of each Reign, accountin. 28 D. a Month.			Number of Years expired since they began to Reign.	
s Names	began to reign.	Y.	M.	D.	Beg	Kings Names
am I.	1066 Oct. 14	20	11	22	680	William 1
am II.	1087 Sept. 9	12	11	18	659	William 2
y I.	1100 Aug. 1	35	4	12	646	Henry 1
en	1135 Dec. 2	18	11	19	611	Stephen
y II.	1154 Oct. 25	34	9	2	592	Henry 2
rd I.	1189 July 6	9	9	22	557	Richard 1
	1199 April 6	17	7	1	547	John
y III.	1216 Oct. 19	56	1	1	530	Henry 3
rd I.	1272 Nov. 16	34	8	9	474	Edward 1
rd II.	1307 July 7	19	7	6	439	Edward 2
rd III.	1327 Jan. 25	50	5	7	419	Edward 3
rd II.	1377 June 21	22	3	16	369	Richard 2
IV.	1399 Sept. 29	13	6	4	347	Henry 4
V.	1413 Mar. 20	9	5	24	333	Henry 5
VI.	1422 Aug. 31	38	6	17	324	Henry 6
d IV.	1461 Mar. 4	22	1	8	285	Edward 4
d V.	1483 April 9	0	2	18	263	Edward 5
d III.	1483 June 22	2	2	5	263	Richard 3
VII.	1485 Aug. 22	23	8	19	261	Henry 7
VIII.	1509 Apr. 22	37	10	1	237	Henry 8
d VI.	1547 Jan. 28	6	5	19	199	Edward 6
y I.	1553 July 6	5	4	22	193	Q. Mary 1
abeth	1558 Nov. 17	44	4	15	188	Q. Elizabeth
	1603 Mar. 24	22	0	3	143	James 1
I.	1625 Mar. 27	23	11	1	121	Charles 1
II.	1649 Jan. 30	36	0	7	97	Charles 2
I.	1685 Feb. 6	4	0	17	61	James 2
& M.	1689 Feb. 13	13	0	14	57	William 3
e	1702 Mar. 8	12	5	6	44	Q. Anne
I.	1714 Aug. 1	12	11	6	32	K. George 1
II.	1727 June 11	Whom God grant long to reign.				

A Table of Simple Intereſt at 5 *per Cent.*

Principal.		A Week.			One Month.			Two Months.			Three Months.			Six Months.			Nine Months.			Ye
		s.	d.	q.	s.	d.	q.	s.	d.	q.	s.	d.	q.	s.	d.	q.	s.	d.	q.	s.
Shillings	5	0	0	0	0	0	1	0	0	3	0	0	3	0	1	2	0	2	1	0
	10	0	0	0	0	0	2	0	1	2	0	1	2	0	3	0	0	4	2	0
	15	0	0	0	0	0	3	0	1	1	0	2	1	0	4	2	0	6	3	0
Pounds	1	0	0	1	0	1	0	0	2	0	0	3	0	0	6	0	0	9	0	1
	2	0	0	2	0	2	0	0	4	0	0	6	0	1	0	0	1	6	0	2
	3	0	0	3	0	3	0	0	6	0	0	9	0	1	6	0	2	3	0	3
	4	0	1	0	0	4	0	0	8	0	1	0	0	2	0	0	3	0	0	4
	5	0	1	1	0	5	0	0	10	0	1	3	0	2	6	0	3	9	0	5
	6	0	1	2	0	6	0	1	0	0	1	6	0	3	0	0	4	6	0	6
	7	0	1	3	0	7	0	1	2	0	1	9	0	3	6	0	5	3	0	7
	8	0	2	0	0	8	0	1	4	0	2	0	0	4	0	0	6	0	0	8
	9	0	2	1	0	9	0	1	6	0	2	3	0	4	6	0	6	9	0	9
		s.	d.	q.	l.	s.	d.	l.	s.	d.	l.	s.	d.	l.	s.	d.	l.	s.	d.	l.
Tens of Pounds	10	0	2	2	0	0	10	0	1	8	0	2	6	0	5	0	0	7	6	0
	20	0	5	0	0	1	8	0	3	4	0	5	0	0	10	0	0	15	0	1
	30	0	7	2	0	2	6	0	5	0	0	7	6	0	15	0	1	2	6	1
	40	0	10	0	0	3	4	0	6	8	0	10	0	1	0	0	1	10	0	2
	50	1	0	2	0	4	2	0	8	4	0	12	6	1	5	0	1	17	6	2
	60	1	3	0	0	5	0	0	10	0	0	15	0	1	10	0	2	5	0	3
	70	1	5	2	0	5	10	0	11	8	0	17	6	1	15	0	2	12	6	3
	80	1	7	0	0	6	8	0	13	4	1	0	0	2	0	0	3	0	0	4
	90	1	9	2	0	7	6	0	15	0	1	2	6	2	5	0	3	7	6	4
Hundreds of Pounds	100	2	1	0	0	8	4	0	16	8	1	5	0	2	10	0	3	15	0	5
	200	4	2	0	0	16	8	1	13	4	2	10	0	5	0	0	7	10	0	10
	300	6	3	0	1	5	0	2	10	0	3	17	0	7	10	0	11	5	0	15
	400	8	4	0	1	13	4	3	6	8	5	0	0	10	0	0	15	0	0	20
	500	10	5	0	2	1	8	4	3	4	6	5	0	12	10	0	18	15	0	25
	600	12	6	0	2	10	0	5	0	0	7	10	0	15	0	0	22	10	0	30
	700	14	7	0	2	18	4	5	16	8	8	15	0	17	10	0	26	5	0	35
	800	16	8	0	3	6	8	6	13	4	10	0	0	20	0	0	30	0	0	40
	900	18	9	0	3	15	0	7	10	0	11	5	0	22	10	0	33	15	0	45
	1000	20	10	0	4	3	4	8	6	8	12	10	0	25	0	0	37	10	0	50

This Table ſhews the Intereſt of any Sum of Money from 1 P 1000, from a ſingle Week to a Year; and by the Help of Addi may compute the Intereſt of any Sum whatſoever, by entering un Word Pounds with your Sum given, and in the Head of your T the Time, and in the Angle of Meeting, you have your Deſire.

EXAMPLE.

Intereſt of 30 l. { for 1 Year 1 10 0 / for 3 Months 0 7 6 / for 1 Week 0 0 7½ } viz. 1 l. 18 s. 1

To the Reader.

Have deviated a little, in the Diſpoſition of the various Matters contain'd in this Year's Kalendar, from my Me- in ſome former Years; and I have done it with a View to ore uſeful and intelligible to all Sorts of Perſons, whoſe ſions may require them to conſult an Almanack, or an emeris: Here is collected in a few Pages, a Multitude of culars neceſſary to be known; and all I think that is ne- y to conduct the Gentleman, the Scholar, the Phyſician, radeſman, or my rural Readers, with certainty and ſatiſ- n through the Solar Revolution.

owever meanly, ſome Sort of People may think or talk of formance of this Nature, I can aſſure them, that an Al- ck hath this Advantage of all other Sorts of Writings: To be read for at leaſt one whole Year, the Subject re- it, and the Domeſtick Leiſure, and neceſſary Occaſions of Man of Buſineſs call for it, and as a learned Gentleman Eſſay on the Uſefulneſs of Mathematical learning. Says, n many of our publick, private, military, and Country airs, Appointments, &c. depending on the Seaſons; it is eſſary, that the returns of them be adjuſted pretty near to Motion of the Sun; beſides the adjuſting of the Moon's tion to the Sun's, is required for the decent Obſervation and ebration of the Church Feaſts and Faſts, eſtabliſhed by tom, or primitive Inſtitution; and likewiſe for the know- of the Ebbing and Flowing of the Tides, &c.—So that tever ſome People may think of an Almanack where all e are ſet down; it is oftentimes the moſt uſeful Paper that bliſhed the ſame Year with it; nay the Nation could bet- pare all the Voluminous Authors in the Term Catalogue, that ſingle Sheet,

ſingle Sheet Almanack, which can only admit Room Seaſons, the Lunations, the Faſts and Feſtivals of the h, the riſing and ſetting of the Sun, the Tides, and ew Chronological Characters; deſerve a Preference like rom ſo learned a Gentleman as the Author of that Eſſay, eemed to be of more value than all the Voluminous s in the Term Catalogue: I hope then (with Submiſ- hat an Almanack or Ephemeris (call it which you pleaſe) contains all thoſe neceſſary Articles before mention'd, Multitude of other uſeful Particulars relating to the Sci- Time; will not be eſteem'd as a Trifle, or ſlighted as ne Performance.

ſcarb. *Auguſt* 8th, 1745. T. WING.

The Kalendar explained.

The Left-hand Pages contain eight Columns.

The firſt is the Days of the Month. The ſecond the
of the Week, *Sundays* being diſtinguiſh'd thus ☉, the
Days by their initial Letters; but as *Tueſday* and *Th*
have the ſame Letter, I have put the *Old Engliſh* Ꝺ for
day, the more readily to aſſiſt the Eye in counting any N
of Days.

The third Column contains the Faſts and Feſtivals
Church of England, and other remarkable Days, as al
Hour and Minute of the Sun's Riſing and Setting on
Days, with the Terms, and other uſeful Particulars.

The fourth contains the Times of the Moon's Riſing
Full to Change, and the Times of her Setting from Cha
Full, which are all the Riſings and Settings of the Moon
are neceſſary to be known.

The fifth Column contains the Times when the Moon
South, or upon the Meridian, on any Day or Night thr
out the Year, of excellent Uſe in ſhewing the Times of
water, and Hour of the Night.

The ſixth and ſeventh Columns contain the Moon's
Longit. and Declination, exactly calculated from New T

The eighth and laſt Column contains the Planets
Aſpects, and Variation of the Air.

On the Top of theſe Pages.

Beſides the exact Times of the New, Full, and Q
of the Moon, as uſual; there is contain'd (in four Col
the exact Times of the ſouthing of the four primary Pl
Saturn, *Jupiter*, *Mars* and *Venus*, to every 5th Day;
to all Sorts of Perſons, in order to know thoſe Planets, a
aſcertaining the Hour of the Night by them, when kno

The Right-hand Pages.

On the Tops thereof are nine Columns, containing the
gitudes and Declinations of *Saturn*, *Jupiter*, *Mars* and
to every 5th Day, from new and correct Tables; but M
being more ſwift in Motion than the other four Planets,
thought proper to inſert his Place to every Day in the
and which is done in the 5th Column below.

The Kalendar explained.

The Body of the Right-hand Pages

ntains ſix Columns. The firſt and ſecond are the Month in the Old and New Style, or according to the Engliſh Foreign Account of Time.

e third and fourth Columns contains the Sun's daily itude and Declination. The fifth, the Place of *Mercury* fore obſerv'd.

the Abacus, under Obſervations, is contain'd the Moon's alſe to the fixed Stars and Planets, or their Occultations; outhing of ſome principal fixed Stars, the riſing and ſet- of the Planets to every 5th Day, and ſome other uſeful culars.

To find the Time of High-Water in moſt Ports of ENGLAND.

ake the Time of the Moon's Southing for the Day pro- d, and to that add the Hours and Minutes which ſtand nſt the Place required in the following Table of Sea- ts, and the Sum will be the Time of High-Water at the e required on that Day.

A TABLE of the Sea-Coaſts.	H.	M.
ſmouth, Queenborough, Southampton,	0	00
heſter, Winchelſea, Fluſhing,	0	45
n, Graveſend, Ramkins, Guernſey,	1	30
heigh, Bell-Iſle, Holy-Iſle, Downs-Road,	2	15
lan, Tinmouth, Whitby, Hartlepool,	3	00
rborough, Berwick, Fluſhings, Staples,	3	45
nborough, Humber, Bridlington-Bay,	4	30
mouth, Ramſey, Newcaſtle, Severn,	5	15
e, Foſdyke, Hull, Weymouth, Dartmouth,	6	00
n, Start-Point, Foulneſs, Briſtol-Key,	6	45
dgwater, Milford-Haven, Lizard, Wintertown,	7	30
mouth, Iſle of White, the Needles,	8	15
of Man, Orkney, Pool, South-Foreland,	9	10
er, Harwich, Orfordneſs, Bullein,	10	10
, Solebay, Margate-Road,	11	15

January 1746.

	D.	H.	M.	
Last Quarter	3	0	49	Afternoon.
New Moon	10	4	16	Afternoon.
First Quarter	18	6	53	at Noon.
Full Moon	26	4	39	Morning.

Day	The Planets Sou		
	♄	♃	♂
1	5 m 23	8 m 45	2 a 8
6	5 2	8 28	2 2
11	4 41	8 10	1 56
16	4 20	7 52	1 c
21	4 0	7 35	1 44
26	3 39	7 19	1 28

M D	W D	Holy Days. ☉ rises & sets.	☽ rises & sets.	Moon south	Moon's Place.	☽'s Declin.	Aspe Wea
1	W	Circumcision	10 A 28	3 M 51	25 ♑ 32	1 N 49	
2	T	Sun rise 8 4	11 56	4 37	9 ♒ 43	4 S 58	☽Pe
3	F	Sun set 3 57	Morn.	5 26	23 51	11 31	High
4	S	D. inc. 30 m.	1 27	6 16	8 ♏ 5	17 25	& C
5	S	2 S. aft. Christ.	2 58	7 8	21 51	22 20	☌☉
6	M	Epiphany	4 28	8 3	5 ♐ 41	26 9	Mu
7	T	Clo. fast 11 m.	5 51	9 2	19 22	28 6	very
8	W	Lucian	6 59	10 1	2 ♑ 56	28 32	with
9	T	Sun rise 7 54	7 47	10 59	16 15	27 14	or S
10	F	Sun set 4 7	☽ sets.	11 54	29 18	24 28	□ ♄
11	S	D. 8 h. 16 m.	5 A 0	0 A 44	12 ♒ 7	20 31	Cold
12	S	1 S. aft. Epip.	6 20	1 30	24 39	15 48	& F
13	M	Hilary B.	7 37	2 13	6 ♓ 56	10 28	☌ ☿
14	T	Day inc. 1 h.	8 51	2 53	18 59	4 50	Cold
15	W	Sun rise 7 46	10 2	3 31	0 ♈ 55	0 N 53	☽A
16	T	Sun set 4 16	11 15	4 11	12 45	6 30	Air
17	F	Clo. fast 13 m.	Morn.	4 51	24 33	11 54	for
18	S	Prisca Mir	0 27	5 33	6 ♉ 25	16 55	✱☉
19	S	2 S. aft. Epip.	1 43	6 18	18 25	21 20	dow
20	M	Pr. Wal. born	2 59	7 7	0 ♊ 38	24 55	of S
21	T	Agnes Mir	4 12	8 0	13 15	27 24	
22	W	Sun rise 7 34	5 21	8 58	26 11	28 33	□ ♃
23	T	Term begins	6 19	9 57	9 ♋ 30	28 10	Cold
24	F	Sun set 4 30	7 2	10 55	23 14	25 55	much
25	S	Conv. St. Paul.	☽ rises	11 52	7 ♌ 21	22 6	& win
26	S	Septuagesim.	5 A 2	Morn.	21 44	16 55	Wea
27	M	Clo. fast 15 m.	6 35	0 45	6 ♍ 19	10 39	till to
28	T	Sun rise 7 22	8 6	1 37	21 0	3 49	the E
29	W	Sun set 4 40	9 35	2 27	5 ♎ 36	3 S 13	☽Pe
30	T	K. Ch. I. Ma.	11 5	3 16	20 11	10 3	Sharp
31	F	Day inc. 2 4	Morn.	4 7	4 ♏ 32	16 15	fly

Days	Saturn. Longit.	Declin.	Jupiter. Longit.	Declin.	Mars. Longit.	Declin.	Venus. Longit.	Declin.
1	14♒27	3 S 26	6♑49	20 S 47	23♒23	14 S 45	2♍37	23 S 12
6	14 31	3 27	7 44	20 58	27 18	13 23	8 53	23 11
11	14 34	3 27	8 36	21 3	1♓15	11 57	15 7	22 49
16	14♑33	3 25	9 28	21 10	5 11	10 28	21 23	22 9
21	14 29	3 21	10 15	21 17	9 6	9 1	27 38	21 13
26	14 23	3 16	11 0	21 22	13 0	7 29	3♒55	20 2

Sun's Place.	☉'s Declin.	☿ Longit.	Observations.
16	21 S 38	2♒19	D. H. M.
17	28	1 17	2 17 50 ☽ ad Spica ♍
18	17	0 13	19 15 40 ☽ ad Pleiades
19	6	29♍1	26 7 22 ☽ ad Cor ♌
21	20 55	27 44	Aldebaran ſouth 8 h. 26 m. at Ni.
22	43	26 26	*Behold the early Year miſchief prepares*
23	31	25 8	Mars *to* Jove, Venus *to* Chronus *ſquares;*
24	18	23 53	*Hence Diſcords come, and hence Diviſions flow,*
25	5	22 42	*Hence Libels, lying News, and Traytors too.*
26	19 52	21 37	*I wiſh their rage might ceaſe, and that my Pen,*
27	38	20 38	*Could Peace proclaim to Mortals once again.*
28	24	19 48	
29	10	19 6	
30	18 55	18 33	Cam. Term begins the 13 Day.
31	40	18 9	The 7 ✱'s ſouth 6 h. 48 m. at Ni
32	25	17 52	Orion's Girdle ſo. 8 h. 43 m. Ni.
33	9	17 45	Sirius ſouth 9 h. 15 m. at Night.
34	17 53	17 50	
35	37	18 2	The 2 Pointers no. 1 h. 53 m. M.
35	20	18 23	Alioth no. 3 h. 45 m. in the Mor.
36	3	18 50	
37	16 46	19 16	30 Day ☿ Max. elong. mat. 26° 17′
38	18	19 48	
39	10	20 25	
39	15 52	21 6	
40	33	21 51	
41	15	22 40	
41	14 56	23 33	
42	37	24 29	
43	17	25 28	
44	13 58	26 30	

Days	♄ riſes.	♃ riſes.	♂ ſets.	♀ riſes.	☿'s Declin.
1	11 a 37	4 m 46	6 a 47	6 m 54	17 S 45
6	11 16	4 30	6 49	7 0	17 46
11	10 55	4 12	6 50	7 3	18 28
16	10 34	3 55	6 53	7 3	19 20
21	10 13	3 39	6 55	7 2	20 7
26	9 52	3 24	7 0	7 1	20 35

February 1746.

	D.	H.	M.	
Laſt Quarter	1	9	30	at Night.
New Moon	9	9	5	Morning.
Firſt Quarter	17	2	6	Afternoon.
Full Moon	24	3	39	Afternoon.

Days	The Planets Sou ♄	♅	♂
1	3m 14	6m 58	1 2
6	2 54	6 41	1 2
11	2 34	6 24	1 2
16	2 14	6 8	1 1
21	1 54	5 51	1 1
26	1 34	5 33	1

M D	W D	Holy Days. ☉ rises & ſets.	☽ riſes & ſets.	Moon South.	Moon's Longit.	☽'s Declin.	
1	S	Sun riſe 7 14	0M 36	4M 59	18 38	21 S 30	☌
2	☽	Sexageſima	2 8	5 54	2♐31	25 26	
3	M	Sun ſet 4 50	3 35	6 52	16 11	27 52	△
4	T	Blaſe B.	4 49	7 51	29 32	28 40	
5	W	D. 9h. 48m.	5 42	8 49	12♑31	27 49	
6	T	Cl. faſt 15 m.	6 17	9 44	25 38	25 26	
7	F	Sun riſe 7 2	6 42	10 36	8♒22	21 56	
8	S	Sun ſet 5 0	6 59	11 23	20 51	17 16	
9	☽	Shrove-Sun.	☽ ſets	0 A 7	3♓10	12 8	
10	M	Scholaſt.	6 A33	0 48	15 15	6 32	
11	T	Shrove-Tue.	7 46	1 28	27 13	0 50	
12	W	Aſh-Wedne.	8 57	2 7	9♈5	4N 54	
13	T	Sun riſe 6 51	10 11	2 47	20 53	10 24	△
14	F	Valentine	11 25	3 28	2♉41	15 33	
15	S	Sun ſet 5 13	Morn.	4 12	14 35	20 9	
16	☽	1 S. in Lent	0 41	4 59	26 35	23 58	✱
17	M	Cl. faſt 13 m.	1 55	5 50	8♊50	26 49	
18	T	D. 10h. 40m.	3 6	6 45	21 21	28 26	
19	W	Emb. Weeks	4 10	7 43	4♋12	28 36	
20	T	Sun riſe 6 37	4 58	8 40	17 28	27 5	
21	F	Sun ſet 5 25	5 30	9 37	1♌11	23 59	□
22	S	Ps. Heſſe bo.	5 55	10 32	15 21	19 21	
23	☽	2 S. in Lent	6 16	11 26	29 51	13 32	
24	M	St. Matthias	☽ riſes	Morn.	14♍42	6 45	
25	T	D. inc. 3 45	7 A11	0 18	29 42	0 S 23	
26	W	Sun riſe 6 25	8 44	1 9	14♎45	7 33	
27	T	Sun ſet 5 37	10 19	2 1	29 40	14 16	□
28	F	Cl. faſt 11 m.	11 54	2 55	14♏20	20 4	

Jupiter is a Morning Star till *May* 20th, from thence an Even
the 6th Day of *December*.

Day	Saturn. Longit.	Declin.	Jupiter. Longit.	Declin.	Mars. Longit.	Declin.	Venus. Longit.	Declin.
1	14♎12	3 S 11	11♑50	21 S 29	17♓39	5 S 37	11♒25	18 S 17
6	14 1	3 6	12 27	21 35	21 31	4 4	17 40	16 35
11	13 46	2 59	13 2	21 40	25 24	2 29	23 55	14 42
16	13 34	2 52	13 33	21 44	29 16	0 54	0♓11	12 39
21	13 12	2 44	14 0	21 46	3♈ 7	0N 42	6 24	10 28
26	12 52	2 32	14 23	21 50	6 57	2 16	12 38	8 7

Sun's Place.	☉'s Declin.	Longit. ☿
3 44	13 S 38	27♍35
4 45	18	28 42
5 45	12 57	29 51
6 46	37	1♒ 3
7 46	16	2 16
8 47	11 55	3 32
9 47	34	4 49
10 48	13	6 8
11 48	10 51	7 26
12 48	29	8 46
13 49	8	10 8
14 49	9 46	11 32
15 49	23	12 57
16 50	1	14 24
17 50	8 39	15 51
18 50	16	17 19
19 50	7 54	18 49
20 50	31	20 17
21 50	8	21 48
22 50	6 45	23 20
23 50	22	24 55
24 50	5 59	26 30
25 50	36	28 6
26 50	12	29 43
27 50	4 49	1♓20
28 50	26	3 1
29 50	2	4 42
30 49	3 39	6 23

Observations.

D.	H.	M.	
1	18	2	☽ ad π ♏
2	6	22	☽ ad Cor ♏
10	19	58	☽ ad ♂
22	18	4	☽ ad Cor ♌
26	8	52	☽ ad Spica ♍

Aldebaran ſouth 6 h. 13 m. Ni.
Day 10 h. long, increaſ. 2 h. 6 m.
Sirius ſouth 8 h. 18 m. at Night.
Caſtor ſouth at 9 at Night.

The Pointers north 12 h. 15 m. Ni.
The Pole Star and Alioth north 10 h. 12 m. at Night.
Day 10 h. 30 m. long, inc. 3 h. 6 m.

Cor ♌ ſouth at 11 at Night.

Days	♄ riſes	♃ riſes	♂ ſets	♀ riſes	☿'s Declin.
1	9 a 35	3m 4	7 a 1	6 m 56	20 S 39
6	9 7	2 48	7 5	6 50	20 0
11	8 46	2 32	7 8	6 42	18 57
16	8 25	2 16	7 13	6 37	17 20
21	8 4	2 0	7 16	6 31	15 9
26	7 44	1 44	7 20	6 21	12 23

Venus is a Morning Star till *March* 22d, then an Evening Star till *January* 5th, 1747.

March 1746.

	D.	H.	M.	
Laſt Quarter	3	7	15	Morning.
New Moon	11	3	5	Morning.
Firſt Quarter	19	5	36	Morning.
Full Moon	26	1	2	Morning.

Days	The Planets Sou		
	♄	♃	♂
1	1 m 23	5 m 24	1 a
6	1 3	5 7	1
11	0 44	4 49	0
16	0 24	4 32	0
21	0 a 0	4 14	0
26	11 42	3 57	0

M D	W D	Holy Days. ☉ riſes & ſets.	☽ riſes & ſets.	Moon ſouth.	Moon's Place.	☽'s Declin.	At W
1	S	Dav. 3 Th.	Morn.	3 M 51	28 ♑ 42	24 S 32	Sha
2	☽	3 Su. in Lent	1 25	4 50	12 ♐ 40	27 26	wa
3	M	D. 11 h. 34 m.	2 43	5 50	26 18	28 41	R
4	T	Sun riſe 6 11	3 46	6 49	9 ♒ 36	28 15	□
5	W	Sun ſet 5 51	4 26	7 46	22 33	26 9	♂
6	T	Clock faſt 9′	4 52	8 38	5 ♓ 14	22 49	Sha
7	F	Day br. 4 4	5 11	9 27	17 31	18 33	of
8	S	Day in. 4 32	5 24	10 11	29 53	13 33	△
9	☽	Midlent Sun.	5 33	10 53	11 ♈ 57	7 57	Ra
10	M	Sun riſe 5 59	☽ ſets.	11 33	23 55	2 24	W
11	T	Sun ſet 6 3	6 A 52	0 A 13	5 ♉ 47	3 N 19	wi
12	W	Gregory	8 4	0 52	17 35	8 54	☽
13	T	Cl. faſt 7′.	9 19	1 33	29 25	14 8	Ra
14	F	P. Edw. born	10 34	2 16	11 ♊ 15	18 55	6
15	S		11 49	3 3	23 11	22 58	fro
16	☽	Paſſion Sund.	Morn.	3 52	5 ♋ 15	26 56	6
17	M	S. Patrick	1 3	4 45	17 30	28 5	Bri
18	T	Sun riſe 5 43	2 9	5 40	0 ♌ 0	28 42	♂
19	W	Sun ſet 6 19	3 0	6 37	12 47	27 48	♂
20	T	D. 12 h 45 m.	3 39	7 32	25 57	25 19	♂
21	F	Clock faſt 4′	3 58	8 26	9 ♍ 23	20 54	♂
22	S	Da. inc. 5 28	4 31	9 19	23 33	16 10	6
23	☽	Palm Sunday	4 40	10 11	7 ♎ 58	9 44	We
24	M	Sun riſe 5 31	4 52	11 2	22 46	2 57	△
25	T	Lady Day.	☽ riſes	11 54	7 ♏ 50	4 S 20	☽
26	W	Sun ſet 6 33	7 A 50	Morn.	23 2	11 23	6
27	T	Mau. Th.	9 19	0 48	8 ♐ 13	17 47	Sha
28	F	Good Friday	10 48	1 45	23 11	22 57	ver
29	S	Clock faſt 2′	Morn.	2 45	7 ♑ 49	26 34	♂
30	☽	Eaſter Day	0 35	3 47	22 ♒ 6	28 27	We
31	M	Monday	1 45	4 48	5 ♓ 46	28 26	

	Saturn.		Jupiter.		Mars.		Venus.	
	Longit.	Declin.	Longit.	Declin.	Longit.	Declin.	Longit.	Declin.
1	12♎40	2 S 30	14♐25	21 S 50	9♈15	3 N 13	16♓22	6 S 42
6	12 20	2 21	14 50	21 51	13 1	4 44	22 35	4 15
11	11 57	2 13	15 2	21 51	16 48	6 13	28 48	1 44
16	11 34	2 3	15 8	21 52	20 33	7 42	5♈1	0 N 45
21	11 11	1 54	15 9	21 54	24 18	9 10	11 12	3 19
26	10 46	1 4	15 R 8	21 43	28 1	10 35	17 24	5 44

☽'s Ascen.	☽'s Declin.	Longit. ☿	
49	3 S 15	8	♓ 6
49	2 52	9	51
48	28	11	37
48	4	13	25
48	1 41	15	13
47	17	17	2
47	0 53	18	53
46	30	20	45
46	6	22	37
45	0 N 18	24	31
45	42	26	38
44	1 5	28	24
43	29	0♈	23
43	52	2	24
42	2 16	4	24
41	39	6	25
40	3 3	8	27
39	26	10	29
38	49	12	33
38	4 13	14	38
37	36	16	39
36	59	18	44
35	5 23	20	49
34	45	22	53
33	6 7	24	57
31	30	26	59
30	53	29	0
29	7 15	1	♉ 0
28	37	2	58
27	8 0	4	56
25	22	6	47

Observations.

D.	H.	M.	
1	12	50	☽ ad Cor. ♏
14	4	5	☌ ☿ ☿ in 24 5♈
15	6	26	☽ ad 7 Stars vif.
22	4	35	☽ ad Cor ♌
26			☌ ☌ ☿ diſt. 5 3 M.
28	21	23	☽ ad Cor. ♏

Lyræ ſouth 6 in the morning

Equal Day and Night.

The angry Stars ſurround us with their Rage, (g*age*;
And Neighbour's Tyranny doth us en-
'Twixt Men and Stars there's ſuch an Harmony,
When they're inclin'd to Anger, ſo are we.

Procyon ſouth at 7 in the Even.
Cor or ſouth 9 h. 20 m. at Night.
The 2 Pointers N. 10 h. 10 m. Night.

Cambridge Term ends.

Days	♄ riſes.	♃ riſes.	♂ ſets.	☿ riſes.	♀ Declin.
1	7 a 33	1 m 32	7 a 22	6 m 18	10 S 32
6	7 13	1 15	7 25	6 10	7 2
11	6 52	0 57	7 29	6 0	3 0
16	6 31	0 40	7 34	5 52	1 N 36
21	ſets.	0 22	7 38	5 43	6 22
26	5 m 37	0 6	7 41	ſets.	1 52

April 1746.

	D.	H.	M.	
Last Quarter	1	6	42	Afternoon.
New Moon	9	8	34	at Night.
First Quarter	17	5	15	Afternoon.
Full Moon	24	9	9	Morning.

Days	The Planets Sou					
	♄		♃		♂	
1	11 a	18	3 m	35	0 a	5
6	10	58	3	1	0	3
11	10	38	2	55	0	2
16	10	18	2	35	0	2
21	9	58	2	14	0	2
26	9	37	1	52	0	1

M D	W D	Holy Days. ☉ rises & sets.	☽ rises & sets.	Moon South.	Moon's Place.	☽'s Declin.	
1	T	Easter Tues.	2 M 35	5 M 47	19 5	26 S 47	Som
2	W	Sun rise 5 12	3 7	6 42	1 ♒ 59	23 42	fly
3	T	Sun set 6 50	3 28	7 32	14 34	19 36	erso
4	F	Ambrose	3 40	8 18	26 51	14 47	or H
5	S	Cloc. go true	3 51	9 1	8 ♓ 56	9 28	M
6	☉	Low Sunday	3 59	9 41	20 52	3 49	calm
7	M	Sun rise 5 2	4 9	10 21	2 ♈ 42	1 N 52	
8	T	Sun set at 7	4 17	11 0	14 31	7 26	☽ A
9	W	D. 14 h. 4 m.	☽ sets	11 40	26 19	12 48	Clo
10	T	D. inc. 6 45	8 A 32	0 A 22	8 ♉ 11	17 43	seas
11	F	Clock flow 2′	9 44	1 7	20 7	21 59	Sho
12	S	Sun rise 4 52	10 58	1 56	2 ♊ 10	25 21	of
13	☉	2 S. aft. Easter	Morn.	2 47	14 23	27 35	Fr
14	M	Sun set 7 12	0 8	3 41	26 45	28 34	Mor
15	T	P. Will. born	1 3	4 35	9 ♋ 19	28 5	6
16	W	Term begins	1 44	5 31	22 8	26 6	Cold
17	T		2 14	6 25	5 ♌ 15	22 38	Cle
18	F	Clock flow 3′	2 38	7 16	18 42	17 57	tem
19	S	Alphege	2 52	8 6	2 ♍ 29	12 14	We
20	☉	3 S. aft. Easter	3 5	8 55	16 52	5 43	& p
21	M	Sun rise 4 36	3 15	9 45	1 ♎ 17	1 S 15	Ga
22	T	Sun set 7 26	3 27	10 37	16 10	8 17	☽ P
23	W	St. George	3 40	11 32	1 ♏ 18	14 59	Wh
24	T	Day 15 hours	☽ rises.	Morn	16 26	20 43	Au
25	F	St. Mark	10 A 8	0 31	1 ♐ 27	25 8	Win
26	S	D. inc. 7 45	11 30	1 33	16 13	27 47	some
27	☉	4 S. aft. Easter	Morn.	2 37	0 ♑ 33	28 31	6 9
28	M	Sun rise 4 23	0 32	3 39	14 28	27 24	Som
29	T	Sun set 7 39	1 8	4 37	27 52	24 39	seas
30	W	Clock flow 4′	1 35	5 31	10 ♒ 49	20 45	Sho

	Saturn.		Jupiter.		Mars.		Venus.	
	Long.	Declin.	Longit.	Declin.	Longit.	Declin.	Longit.	Declin.
1	10♎21	1 S 32	14♐58	21 S 52	2♉27	12N 12	24♈49	8N41
6	9 59	1 28	14 45	21 51	6 7	13 29	1♉ 0	11 2
11	9 38	1 19	14 28	21 49	9 46	14 43	7 11	13 6
16	9 18	1 10	14 7	21 46	13 23	15 54	13 21	15 20
21	9 0	1 4	13 40	21 43	17 1	17 0	19 31	17 18
26	8 43	0 57	13 11	21 39	20 36	18 2	25 40	19 2

n's ce.	☉'s Declin.	Longit. ☿
24	8N44	8♉23
23	9 5	10 6
21	27	11 41
20	49	13 16
19	10 10	14 52
17	31	16 12
16	52	17 32
14	11 13	18 50
12	33	20 1
11	54	21 11
9	12 14	22 20
8	34	23 18
6	54	24 13
4	13 14	25 ☌
2	33	25 42
1	52	26 16
59	14 11	26 45
57	30	27 11
55	48	27 30
ay	15 7	27 44
51	25	27 53
49	42	28 1
47	16 0	28 ℞ 0
45	17	27 53
43	34	27 42
41	51	27 26
39	17 7	27 6
37	23	26 42
35	39	26 16
33	55	25 45

Observations.

D.	H.	M.	
11	12	38	☽ ad Preiades
13	9	8	☽ ad β ♉
18	13	17	☽ ad Cor ♌
25	7	43	☽ ad Cor ♏

Cor ♌ south 8 h. 10 m. at Nig.
2 Pointers north at 9 at Night.
Cambridge Term begins.
Deneb south 9 h. 40 m. at Night.
11 Day, Max. elong ☿ resp. 20° 13′
Alioth south 10 h. 35 m. at Nig.
Arcturus south at Mid-night.
The 7 ✱'s sets 9 h. 33 m. at Ni.
Day 14 h. 30 m. long, inc. 7 h. 6 m.
Pole Star north 10 h. 12 m. at Ni.
Dubhe south 8 h. 15 m. at Night.
Deneb south at 9 at Night,

Days	♄ sets	♃ rises	♂ sets	♀ sets	☿'s Declin.
1	5m 14	11a 39	7 a 45	6 a 59	15N48
6	4 54	11 19	7 47	7 16	18 55
11	4 34	10 59	7 50	7 32	21 0
16	4 16	10 39	7 53	7 51	21 56
21	3 57	10 17	7 57	8 9	21 50
26	3 36	9 55	7 59	8 25	20 47

May 1746.

	D.	H.	M.	
Last Quarter	1	8	6	Morn.
New Moon	9	0	15	Afternoon.
First Quarter	17	1	31	Morning.
Full Moon	23	4	51	Afternoon.
Last Quarter	30	11	2	at Night.

Days	The Planets Sou ♄	♃	♂
1	9 a 17	1 m 31	0 a
6	8 57	1 9	0
11	8 36	0 47	morn.
16	8 16	0 26	11
21	7 55	11 a 56	11
26	7 34	11 32	1

M D	W D	Holy Days. ☉ rises&sets.	☽ rises & sets	Moon South.	Moon's Place.	☽'s Declin.	Asp. We.
1	♉	S. Phil. & Ja.	1 M 52	6 M 19	13 23	16 S 2	☌ ☍
2	F	Sun rise 4 17	2 0	7 3	5 ♓ 39	10 4	Mist
3	S	Invent. ✝	2 12	7 44	17 41	5 11	☌ ☉
4	☋	Rogat. Sun.	2 20	8 23	29 33	0 N 28	Brisk
5	M	Sun rise 4 12	2 29	9 2	11 ♈ 22	6 6	and
6	T	Sun set 8 49	2 36	9 42	23 10	11 27	☽ A.
7	W	Clock slow'	2 47	10 23	5 ♉ 2	16 29	Lofty
8	♉	Ascen. da;	2 58	11 7	16 59	20 56	of W
9	F	D. 15 h. 52 m	☽ sets	11 54	29 5	24 21	☍ ☽
10	S	Dayin. 8 30	9 A 59	0 A 45	11 ♊ 19	27 5	Fine
11	☋	☉ S. aft. Eas.	11 1	1 39	23 44	28 22	☌ ☉
12	M	Term ends	11 48	2 34	6 ♋ 19	28 11	Clou
13	T	Servat.	Morn.	3 28	19 7	26 31	with
14	W	Sun rise 4 0	0 19	4 22	2 ♌ 5	23 25	& T
15	♉	Sun set 8 1	0 41	5 13	15 17	19 5	Freq
16	F	No dark ni.	1 0	6 1	28 44	13 59	Show
17	S	Clock slo. 3'	1 12	6 49	12 ♍ 28	7 32	△ ☉
18	☋	Whit-Sund.	1 23	7 36	26 27	0 55	Rain
19	M	Monday	1 34	8 25	10 ♎ 46	5 S 53	☽ Pe
20	T	Tuesday	1 42	9 17	25 19	12 31	☍ ☉
21	W	Ember-We.	1 55	10 11	10 ♏ 7	18 40	Hig
22	♉	Sun rise 3 51	2 15	11 12	25 19	23 27	& Sh
23	F	Sun set 8 10	☽ rises	Morn.	9 ♐ 51	26 54	☍ ☉
24	S	Fr. Geo bo.	10 A 12	0 15	24 30	28 16	Clo
25	☋	Trinity-Sun	10 59	1 19	7 ♑ 49	27 45	dark
26	M	Austin	11 34	2 20	22 42	25 31	Wet
27	T	Sun rise 3 47	11 53	3 17	6 ♒ 10	21 57	Fine
28	W	Sun set 8 14	Morn.	4 8	19 10	17 25	Rai
29	♉	K. Ch. II R.	0 7	4 55	1 ♓ 47	12 14	☌
30	F	Term begins	☉ 17	5 37	14 2	6 41	☍ ☽
31	S	Clock slo. 1'	0 26	6 18	26 5	1 0	□ ☽

	Saturn		Jupiter		Mars		Venus	
	Long.	Decl.	Long.	Decl.	Long.	Decl.	Long.	Decl.
1	8 ♎ 28	0 S 54	12 ♉ 40	21 S 36	24 ♉ 9	18 N 59	1 ♊ 49	20 N 35
6	8 15	0 51	12 5	21 32	27 42	19 53	7 57	21 55
11	8 5	0 47	11 29	21 26	1 ♊ 16	20 42	14 7	22 59
16	7 57	0 44	10 52	21 21	4 46	21 25	20 14	23 46
21	7 51	0 42	10 15	21 17	8 15	22 4	26 22	24 16
26	7 49	0 43	9 37	21 12	11 41	22 36	2 ♋ 28	24 27

Sun's Place.	Sun's Declin.	Long. ☿	Observations.
21 31	18N 10	25 ♉ 10	D. H. M.
22 28	25	24 35	15 19 37, ☽ ad Cor. ♌.
23 26	39	24 0	19 15 42, ☽ ad Spica ♍.
24 24	54	23 27	22 17 36, ☽ ad Cor. ♍.
25 22	19 8	22 53	30 Max. elong. ☿ mat.
26 19	21	22 21	
27 17	35	21 49	*Here's a whole Croud of Rays come preſſing in,*
28 15	48	21 19	*And* Mars *and* Hermes *do the Dance begin;*
29 12	20 0	20 53	*The Beams are different, act a different Way;*
11 10	13	20 25	*Th'Effects are various too, as well as they.*
1 8	25	20 0	
2 5	36	19 41	Pole Star north 8h. 34m. night.
3 3	48	19 27	
4 0	59	19 15	Alioth and Cor Caroli, ſouth
4 58	21 9	19 8	30 m. after 8 at night.
5 55	19	19 7	Arcturus ſouth 9 h. 45m. night.
6 53	29	19 10	
7 50	39	19 18	
8 48	48	19 32	
9 45	57	19 48	Northern Crown, a bright Star
June 22	5	20 7	ſouth 10 h. 30 m. at night.
1 40	13	20 29	Altit. 65 deg. firſt pointer in
2 37	20	20 57	L. B. north. 10 h. 10 m.
3 35	28	21 25	
4 32	34	22 1	
5 29	41	22 41	
6 27	47	23 25	
7 24	52	24 15	
8 21	58	25 1	
9 19	23 3	26 7	
10 16	7	27 5	

Days	♄ ſets	♃ riſes	♂ ſets	♀ ſets	☿ Decl.
1	3 m 17	9 a 34	8 a 08	a 42	18 n 53
6	2 57	9 12	8 1	8 57	16 56
11	2 36	8 49	riſes	9 10	15 5
16	2 17	8 27	3 m 50	9 22	14 6
21	1 56	ſets	3 39	9 34	14 3
26	1 34	3 a 32	3 30	9 42	14 46

June, 1746.

Day	H.	M.	
New Moon	8	1	36 morn.
First Quarter	15	7	26 morn.
Full Moon	22	1	5 morn.
Last Quarter	29	4	6 aftern.

Days	The Planets ☿	♃	♂	Sou
1	7a10	11a 4	11 m	
6	6 49	10 42	11 3	
11	6 29	10 20	11 2	
16	6 9	9 57	11 1	
21	5 49	9 34	11 1	
26	5 30	9 12	11	

M.	D.	W.	Holy Days, ☉ rises & sets	☽ rises & sets.	Moon South.	Moon's Place.	Moon's Decl.	Aſp & w
1	☽	W	1 S. aft. Trin.	0m 34	6m 57	7 ♈ 57	4 S 41	Fine
2		M	Sun rise 3 44	0 42	7 36	19 45	10 8	☽ A
3		T	Sun set 8 17	0 51	8 16	1 ♉ 35	15 16	26 ♈
4		W	Boniface.	1 2	8 59	13 31	19 49	Pleas
5		T	Clock go true	1 17	9 45	25 35	23 39	weath
6		F	with the Sun.	1 39	10 34	7 ♊ 50	26 29	Calm
7		S	Da. 16h. 36m.	☽ sets	11 27	20 17	28 7	Wind
8	☽		2 S. aft. Trin.	9a 40	0a 22	2 ♋ 58	28 18	6 ☿
9		M	Day increas.	10 17	1 19	15 51	26 58	rain.
10		T	9 h. 12 m.	10 43	2 13	28 56	24 6	✶ ♄
11		W	St. Barnabas.	11 1	3 5	12 ♌ 14	19 58	K.
12		T	Sun rise 3 42	11 14	3 54	25 41	14 44	In
13		F	Sun set 8 18	11 27	4 42	9 ♍ 18	8 47	Calm
14		S	Cl. fast 2 m.	11 37	5 29	23 6	2 18	and f
15	☽		3 S. aft. Trin.	11 47	6 15	7 ♎ 3	4 S 21	K.
16		M	☉ du. W. 4. 40	11 58	7 4	21 12	10 53	☽ P
17		T	St. Alban.	Morn.	7 56	5 ♏ 29	16 54	28 ☍
18		W	Term ends.	0 12	8 52	19 54	22 3	□ ☉
19		T	Marcellus.	0 34	9 52	4 ♐ 23	25 53	Clou
20		F	Sun rise 3 44	1 9	10 55	18 49	28 0	☌ ♂
21		S	Sun set 8 16	☽ rises	11 58	3 ♑ 9	28 17	Show
22	☽		4 S. aft. Trin.	9a 27	Morn.	17 13	26 43	△ ♄
23		M	Cl. fast 4 m.	9 52	0 57	0 ♒ 55	23 30	of ra
24		T	St. John. Bap.	10 7	1 51	14 16	19 12	□ ♄
25		W	Da. 16h. 26m.	10 18	2 41	27 13	14 4	Fine
26		T	Sun rise 3 48	10 27	3 25	9 ♓ 49	8 28	grate
27		F	Sun set 8 11	10 35	4 7	22 6	2 40	weat
28		S	Da. dec. 18m.	10 43	4 47	4 ♈ 9	3 N 4	conti
29	☽		S. Pet. & Paul.	10 52	5 27	16 3	8 38	☌ ☉
30		M	Clo. fast 5 m.	11 4	6 7	27 54	13 52	☽ A

Days	Saturn Long	Saturn Decl.	Jupiter Long	Jupiter Decl.	Mars Long.	Mars Decl.	Venus Long.	Venus Decl.
1	♎ 48	0 S 45	♉ 51	21 S 6	♊ 50	23 N 10	♌ 49	24 N 18
6	7 50	0 46	8 16	21 1	19 14	23 33	15 55	23 49
11	7 55	0 49	7 42	20 57	22 38	23 49	22 1	23 5
16	8 2	0 54	7 11	20 53	26 0	24 1	26 6	22 3
21	8 12	0 59	6 44	20 49	29 24	24 6	♋ 10	20 47
26	8 24	1 4	6 18	20 46	♍ 46	24 8	10 15	19 17

	Sun's Place.	Sun's Declin.	Long. ☿
	21 13	23 N 11	28 ♉ 7
	22 11	14	29 14
	23 8	18	0 ♊ 25
	24 5	20	1 40
	25 2	23	2 55
	26 0	25	4 16
	26 57	26	5 41
	27 54	27	7 9
	28 51	28	8 41
	29 49	28	10 15
	♍ 46	23 28	11 52
	1 43	28	13 32
	2 40	27	15 14
	3 37	25	17 1
	4 35	24	18 51
	5 32	21	20 43
	6 29	19	22 38
	7 26	16	24 36
	8 23	12	26 37
July		9	28 39
	10 18	4	0 ♋ 41
	11 15	0	2 48
	12 12	22 55	4 55
	13 9	49	7 3
	14 7	43	9 11
	15 4	37	11 20
	16 1	31	13 30
	16 58	24	15 40
	17 55	16	17 50
	18 52	9	20 0

Observations.

D. H. M.

12 1 8, ☽ ad Cor ♌.
15 22 13, ☽ ad Spic. ♍.
19 3 17, ☽ ad Cor ♏.
20, ☌ ☌ ☿ dist. 28 m.

South Balance sou. 8h. 50m. ni.
North Balance sou. at 9h. 13m.
Cor ♏ south 10h. 20m. night.
Longest Day 16 h. 36 min.
Days increased 9h. 12 m.
The Shining Harp south 21 m. after midnight. Alt. 78°

Cor ♏ south 9h. 30m. night.

Days	♄ sets	♅ sets	♂ rises	♀ sets	☿'s Decl.
1	1 m 10	3 m 5	3m 19	9 49	16 N 38
6	0 49	2 44	3 9	9 50	18 33
11	0 29	2 22	3 0	9 50	20 40
16	0 9	2 0	2 53	9 49	22 34
21	11 a 44	1 37	2 46	9 42	23 49
26	11 25	1 16	2 40	9 37	24 7

July, 1746.

	Day	H.	M.	
New Moon	7	1	12	aftern.
First Quarter	14	0	15	aftern.
Full Moon	21	11	4	morn.
Last Quarter	29	9	34	morn.

Days	♄	♃	♂
1	5 a 10	8 a 50	11 m o
6	4 50	8 29	10 55
11	4 31	8 8	10 49
16	4 12	7 48	10 43
21	3 54	7 27	10 38
26	3 37	7 7	10 33

M.	D.	W.	Holy Days, ☉ rises & sets.	☽ rises & sets.	Moon South.	Moon's Place.	Moon's Decli.	
1	♉	T	Circ. Com.	11 a 17	6 m 49	9 ♉ 45	18 N 29	Fai
2		W	Visit. B. V.	11 37	7 33	21 42	22 41	sere
3	♊	T	Sun rise 3 55	Morn.	8 21	3 ♊ 50	25 51	thu
4		F	Sun set 8 3	0 6	9 13	16 11	27 48	sho
5		S	Day de. 34m.	0 46	10 7	28 48	28 27	□
6	☽		5. aft. Trin.	1 46	11 4	11 ♋ 44	27 33	Bri
7		M	Tho. à Beck.	☽ sets	11 59	24 55	25 4	△
8		T	Cl. fast 6 m.	9 a 3	0 a 54	8 ♌ 22	21 13	win
9		W	☉ due E. 7 10	9 16	1 45	22 4	16 8	and
10	♋	T	Sun rise 4 2	9 30	2 34	5 ♍ 54	10 12	✱
11		F	Sun set 7 56	9 40	3 22	19 51	3 42	Sho
12		S	Day 15h. 46m	9 51	4 9	3 ♎ 53	3 S 1	Inc
13	☽		6 S. aft. Trin.	10 2	4 57	17 59	9 37	to
14		M	☉ due W. 4 46	10 16	5 48	2 ♏ 6	15 43	☽
15		T	S. Swithin	10 35	6 42	16 16	21 1	☌
16		W	Sun rise 4 11	11 5	7 40	0 ♐ 25	25 6	□
17	♌	T	Sun set 7 47	11 45	8 40	14 31	27 40	△
18		F	Cl. fast 6 m.	Morn.	9 42	28 32	28 29	Fin
19		S	Dog-days be.	0 49	10 42	12 ♑ 24	27 29	brif
20	☽		7 S. aft. Trin.	2 9	11 38	26 3	24 48	win
21		M	Day dec. 1 18	☽ rises	Morn.	9 ♒ 25	20 51	and
22		T	Mary Mag.	8 a 22	0 29	22 31	15 55	✱ ☉
23		W	Sun rise 4 21	8 32	1 16	5 ♓ 19	10 23	Cal
24	♍	T	Sun set 7 37	8 41	2 0	17 49	4 34	□
25		F	St. James.	8 50	2 41	0 ♈ 5	1 N 18	and
26		S	St. Ann.	8 59	3 21	12 7	7 0	wea
27	☽		8 S. aft. Trin.	9 7	4 2	24 1	12 23	☽ A
28		M	Cl. fast 5 m.	9 20	4 43	5 ♉ 51	17 18	♀ ♉
29		T	Sun rise 4 32	9 38	5 27	17 44	21 35	Kin
30		W	Sun set 7 26	10 3	6 13	29 41	24 59	seaſo
31	♎	T	St. Augustin b.	10 39	7 3	11 ♊ 50	27 22	wea

Days	Saturn Long.	Saturn Decl.	Jupiter Long.	Jupiter Decl.	Mars Long.	Mars Decl.	Venus Long.	Venus Decl.
1	8♎39	1 S 9	5♐58	20 S 43	6♋6	23 N 59	16♌19	17 N 32
6	8 55	1 15	5 42	20 42	9 25	23 51	22 21	15 37
11	9 15	1 23	5 30	20 41	12 42	23 40	28 23	13 30
16	9 33	1 31	5 22	20 41	16 1	23 22	4♍24	11 16
21	9 57	1 45	5 19	20 41	19 16	22 58	10 25	8 53
26	10 22	1 53	5 22	20 42	22 31	22 31	16 25	6 26

Sun's Place.	Sun's Declin.	Long. ☿	Observations.
19 50	22 N 0	22♋8	D. H. M.
20 47	21 52	24 15	9 8 0, ☌ ☽ ♀ dist. 32m.
21 44	43	26 20	16 10 0, ☽ ad Cor ♍
22 42	34	28 25	29 17 30, ☽ ad 7 stars vis.
23 39	24	0♌27	Cambridge Term ends 4th day.
24 36	14	2 29	
25 33	4	4 30	Antares, or Cor ♌ S. 8h. 25 ni.
26 31	20 53	6 29	Serpentarius So. 9h. 30m. night.
27 28	42	8 26	Draco So. at 10 at nig. Alt. 89°
28 25	30	10 21	Lyra South 10h. 56m. Alt. 76°
29 23	19	12 15	
☌ 20	7	14 6	
1 17	19 54	15 56	Cor ♍ Sou. 8 at night, Alt. 11°
2 15	41	17 45	
3 12	28	19 31	*If* Trines *are Rays of Amity and Love,*
4 9	15	21 16	*What shall we judge from this of* Sol *and* Jove?
5 7	1 23	0	*Some welcome News the flowing Minutes bring,*
6 4	18 47	24 42	*To a fam'd Throne, and a deserving King.*
7 1	33	26 21	
7 59	18	28 0	
8 56	3	29 36	
9 54	17 48	1♍11	Draco South at 9 at night,
10 51	32	2 44	Alt. 89°
11 49	16	4 15	
12 46	0	5 45	
13 44	16 44	7 13	
14 42	27	8 40	
15 39	10	10 5	
16 37	15 53	11 27	
17 34	35	12 47	
18 32	18	14 7	

Days	♄ sets	♃ sets	♂ rises	♀ sets	☿'s Decl.
1	11 a 4	0 m 54	2 m 35	9 a 30	23 N 15
6	10 44	0 33	2 31	9 22	21 27
11	10 24	0 12	2 27	9 13	18 46
16	10 4	11 a 48	2 23	9 4	15 49
21	9 45	11 27	2 21	8 52	12 27
26	9 27	11 7	2 20	8 41	9 5

August, 1746.

	Day	H.	M.	
New Moon	5	11	28	night.
First Quarter	12	5	22	aftern.
Full Moon	19	11	50	night.
Last Quarter	28	2	50	morn.

Days	The Planets So		
	♄	♅	♂
1	3 a 16	6 a 46	10 m 26
6	2 59	6 28	10 21
11	2 42	6 11	10 16
16	2 26	5 54	10 11
21	2 9	5 37	10 6
26	1 54	5 21	10 0

M. D.	W. D.	Holy Days, ☉ rises & sets	☽ rises & sets.	Moon South.	Moon's Place.	Moon's Declin.	Aſp & wi
1	F	Lammas-day	1 a 30	7 m 56	24 ♑ 14	28 N 30	War
2	S	Sun rise 4 40	Morn.	8 52	6 ♒ 57	28 9	good
3	☽	10 S. aft. Trin.	0 39	9 48	19 59	26 14	veſt w
4	M	Sun ſet 7 17	2 0	10 44	3 ♓ 23	22 48	ther.
5	T	Day dec. 2 8	☽ ſets	11 37	17 4	18 1	Win
6	W	Transfig.	7 a 37	0 a 28	1 ♈ 10	12 13	✶ ♂
7	T	Cl. faſt 3 m.	7 51	1 18	15 25	5 43	freq
8	F	Sun riſe 4 50	8 1	2 7	29 48	1 S 12	ſhow
9	S	Sun ſet 7 8	8 12	2 56	14 ♉ 13	8 1	Flyi
10	☽	11 S. aft. Trin.	8 26	3 47	28 38	14 25	☽ P
11	M	Day 14 h. 6 m.	8 43	4 41	12 ♈ 58	20 2	4 ♈
12	T	Clo. faſt 2 m.	9 8	5 38	27 10	24 25	✶ ♄
13	W	Sun riſe 5 0	9 49	6 39	11 ♊ 11	27 20	clou
14	T	Sun ſet 6 58	10 43	7 39	25 3	28 33	with
15	F	Aſſumpt.	12 0	8 39	8 ♋ 43	28 1	and
16	S	Day br. 2 50	Morn.	9 35	22 11	25 48	6 ♄
17	☽	12 S. aft. Trin.	1 19	10 28	5 ♌ 20	22 10	Sho
18	M	Clo. faſt 1 m.	2 44	11 16	18 25	17 34	□ ☉
19	T	Sun riſe 5 12	☽ riſes	Morn.	1 ♍ 12	12 12	Wa
20	W	Sun ſet 6 46	6 a 58	0 1	13 43	6 28	freq
21	T	Athanaſius.	7 7	0 43	26 1	0 35	ſhow
22	F	Cloc. go true.	7 16	1 24	8 ♎ 9	5 N 12	rain
23	S	Day dec. 3 18	7 25	2 4	20 9	10 45	☽ A
24	☽	S. Bartholom.	7 34	2 45	2 ♏ 3	15 51	☿
25	M	Cl. ſlow 2 m.	7 49	3 28	13 55	20 23	T
26	T	Sun riſe 6 30	8 11	4 14	25 46	24 3	Mo
27	W	Dog-days end	8 42	5 2	7 ♐ 44	26 48	✶
28	T	Sun ſet 6 30	9 25	5 53	19 51	28 19	goo
29	F	D. J. Bapt.	10 22	6 48	2 ♑ 14	28 30	veſt
30	S	Da. 12 h. 56 m.	11 35	7 43	14 53	27 10	to
31	☽	14 S. aft. Trin.	Morn.	8 38	27 57	24 19	the

Aug.	Saturn Long	Saturn Decl.	Jupiter Long	Jupiter Dec.	Mars Long.	Mars Decl.	Venus Long.	Venus Decl.
1	10♎52	2S 9	5♐29	20S44	26♒25	21N 53	23♍36	3N 25
6	11 27	2 20	5 42	20 48	29 38	21 16	29 32	0 50
11	11 51	2 33	5 58	20 52	2♑51	20 35	5♎29	1 S 46
16	12 21	2 47	6 18	20 55	6 2	19 50	11 24	4 19
21	12 53	2 59	6 42	21 0	9 14	19 2	17 19	6 55
26	13 24	3 13	7 11	21 6	12 23	18 12	23 10	9 24

Sun's Place.	Sun's Declin.	Long. ☿
19 30	15N 0	15♍24
20 27	14 42	16 40
21 25	23	17 55
22 23	4	19 7
23 20	13 46	20 18
24 18	26	21 26
25 16	7	22 31
26 14	12 48	23 35
27 12	28	24 36
28 9	8	25 32
29 7	11 48	26 26
♍ 5	28	27 18
1 3	7	28 7
2 1	10 46	28 53
2 59	26	29 33
3 57	5	0♎11
4 55	9 43	0 54
5 53	22	1 19
6 51	1	1 44
7 50	8 39	2 2
Sept.	17	2 16
9 46	7 55	2 27
10 44	33	2 36
11 42	11	2♑35
12 41	6 49	2 25
13 39	26	2 11
14 37	4	1 52
15 36	5 41	1 24
16 34	19	0 48
17 32	4 56	0 7
18 3	33	29♍20

Observations.

D. H. M.

12 15 35, ☽ ad Cor ♏.

26 1 38, ☽ ad Pleiades.

Lyra south 8h. 50m. at night.

Atair, or bright ✶ of Aquila, south 10 at night. Alt. 45°

Hand of Antinous south 10h. 8m. at night. Alt. 36°

Fomahant rises 10 at night, is south 35m. after mid-night. Alt. 6°.

Bright ✶ of Aquila sou. 9 night

Hand of Antinous sou. 9h. 15m.

Fomahant south at midnight.

Days.	♄ sets	♃ sets	♂ rises	☿ sets	♀'s Decl.
1	9a 4	10a 47	2m18	8a28	5N 7
6	8 46	10 27	2 17	8 17	2 3
11	8 28	10 10	2 17	8 6	0S 47
16	8 11	9 52	2 17	7 56	2 54
21	7 53	9 35	2 17	7 44	4 21
26	7 37	9 18	2 17	7 34	4 46

September, 1746.

	Day	H.	M.	
New Moon	4	9	9	morn.
First Quarter	11	0	18	morn.
Full Moon	18	3	25	aftern.
Last Quarter	26	7	12	at night.

M.D.	W.D.	Holy Days. ☉ rises & sets.	☽ rises & sets.	Moon South.	Moon's Place.	Moon's Declin.	Days	The Planets ♄	♅	♂
1	M	Giles.	1 M 4	9 M 32	11 ♌ 24	20 N 9	1	1 a 34	5 a 2	9 m 54
2	T	London burnt	2 32	10 24	25 16	14 45	6	1 18	4 47	9 49
3	W	1666.	4 2	11 14	9 ♍ 32	8 27	11	1 2	4 32	9 43
4	T	Sun rise 5 44	☽ sets	0 A 5	24 4	1 33	16	0 46	4 17	9 38
5	F	Sun set 6 14	6 A 33	0 55	8 ♎ 52	5 S 32	21	0 30	4 2	9 32
6	S	Cl. slow 6 m.	6 41	1 47	23 44	12 21	26	0 14	3 47	9 26
7	☉	15 S. aft. Trin.	6 55	2 42	8 ♏ 33	18 26				
8	M	Nat. V. M.	7 20	3 40	23 12	23 22				
9	T	Sun rise 5 54	7 55	4 40	7 ♐ 37	26 46				
10	W	Sun set 6 4	8 45	5 42	21 44	28 26				
11	T	Day br. at 4	9 55	6 43	5 ♑ 31	28 19				
12	F	Sun rise at 6	11 15	7 40	19 0	26 27				
13	S	Cl. slow 8m.	Morn.	8 34	2 ♒ 8	23 11				
14	☉	16 S. aft. Trin.	0 42	9 22	15 3	18 50				
15	M	Day de. 4 50.	2 4	10 9	27 42	13 42				
16	T		3 25	10 50	10 ♓ 9	8 8				
17	W	Ember Week.	4 41	11 31	22 27	2 18				
18	T	Sun rise 6 12	☽ rises	Morn.	4 ♈ 35	3 N 30				
19	F	Sun set 5 46	5 A 41	0 11	16 36	9 8				
20	S	Cl. slow 10m.	5 51	0 52	28 31	14 23				
21	☉	St. Matthew.	6 5	1 34	10 ♉ 23	19 4				
22	M	Day de. 5 20.	6 25	2 19	22 15	22 59				
23	T	Sun rise 6 22	6 51	3 6	4 ♊ 8	26 3				
24	W	Sun set 5 36	7 27	3 56	16 7	27 55				
25	T	Cl. slow 12m.	8 21	4 48	28 14	28 31				
26	F	Cyprian.	9 30	5 42	10 ♋ 33	27 43				
27	S	Sun rise 6 30	10 48	6 36	23 9	25 26				
28	☉	18 S. aft. Trin.	Morn.	7 29	6 ♌ 7	21 52				
29	M	St. Michael.	0 11	8 20	19 28	17 3				
30	T	Sun set 5 23	1 39	9 10	3 ♍ 16	11 15				

Day	Saturn Long.	Saturn Decl.	Jupiter Long.	Jupiter Decl.	Mars Long.	Mars Decl.	Venus Long.	Venus Decl.
1	14♎ 7	3 S 29	7♐ 50	21 S 14	16♌ 8	17 N 9	0♍ 12	12 S 15
6	14 41	3 43	8 27	21 21	19 17	16 12	6 2	14 35
11	15 17	3 57	9 6	21 28	22 23	15 16	11 47	16 46
16	15 53	4 11	9 50	21 35	25 29	14 19	17 30	18 47
21	16 30	4 25	10 36	21 42	28 35	13 13	23 12	20 37
26	17 7	4 37	11 25	21 50	1♍ 40	12 10	28 50	22 14

Sun's Place.	Sun's Declin.	Long. ☿
29	4 N 10	28♍ 28
28	3 47	27 32
26	24	26 30
25	1	25 28
24	2 38	24 25
22	14	23 23
21	1 51	22 20
20	28	21 21
18	4	20 29
17	0 41	19 42
16	18	19 2
15	0 S 6	18 30
14	29	18 6
13	53	17 55
12	1 16	17 53
11	40	18 2
10	2 3	18 20
9	26	18 50
8	50	19 28
Octob.	3 13	20 16
6	37	21 11
5	4 0	22 14
4	23	23 25
4	46	24 41
3	5 9	26 2
2	33	27 27
2	56	28 55
1	6 18	0♎ 26
1	41	2 1
0	7 4	3 38

Observations.

D. H. M.

8 21 43, ☽ ad Cor ♍.

22 8 36, ☽ ad 7 Stars visible

29 12 0, ☽ ad Cor ♌.

30 0 25, ☌ ☽ ☍.

Aninous South 8h. 20m. night.

Fomahant South at 11 at night, bright ✶ in Pegasus South 11h. 13m. at night, Alt. 51°

Head of Andromeda Sou. midn.

Equal Day and Night.

Day decreased 4 h. 36 m.

Seven Stars rise at 7 at night, and are South 12m. past 3 in the morning.

Pointers north 10h. 18m. night.

Max. elong. ☿ mat. 17° 50′

Day	♄ sets	♃ sets	♂ rises	♀ sets	☿ Declin.
1	7a 15	8a 58	2m 17	7a 23	2 S 54
6	6 58	8 41	2 17	7 14	0 3
11	6 41	8 25	2 17	7 4	3 N 12
16	6 24	8 10	2 17	6 55	4 50
21	6 6	7 55	2 17	6 47	4 39
26	5 50	7 39	2 16	6 40	2 43

October, 1746.

	D.	H.	M.	
New Moon	3	6	24	night.
First Quarter	10	10	12	morn.
Full Moon	18	9	11	morn.
Last Quarter	26	10	6	morn.

Days	The Planets ☿	♃	♂
1	Morn.	3♐33	gu
6	11 43	3 18	9
11	11 25	3 39	
16	♐ 7	2 48	8
21	10 52	2 33	8
26	10 34	2 18	8

M.	D.	W.	Holy Days, ☉ rises & sets	☽ rises & sets.	Moon South.	Moon's Place.	Moon's Declin.	Aſp. &
1		W	Remegius.	3M10	9M59	17 30	4N40	□
2		T	Sun rise 6 41	4 37	10 49	2♎10	2S21	Cl
3		F	Sun set 5 17	☽ sets	11 40	17 9	9 22	an
4		S	Cl. slow 14 m.	5A 9	0A35	2♏17	15 54	☽
5		☉	19 S. aft. Trin.	5 28	1 33	17 29	21 31	10
6		M	D. 10h. 22m.	5 58	2 33	2♐30	25 38	✱
7		T	Sun rise 6 51	6 45	3 38	17 11	27 58	Sa
8		W	Sun set 5 7	7 52	4 43	1♑31	28 23	☌
9		T	Dennis.	9 8	5 42	15 23	26 57	☌
10		F	Cl. slow 15 m.	10 30	6 37	28 51	23 59	Ve
11		S	K. Geo. II. er.	11 59	7 27	11♒55	19 52	an
12		☉	20 S. aft. Trin	Morn.	8 13	24 39	14 54	cer
13		M	Da. dec. 6 44.	1 20	8 56	7♓ 7	9 27	we
14		T	Sun rise 7 5	2 43	9 37	19 23	3 44	✱
15		W	Sun set 4 53	3 55	10 17	1♈27	3N 0	Ca
16		T		5 11	10 57	13 26	7 40	an
17		F	Cl. slow 16 m.	6 12	11 38	25 20	12 4	☽
18		S	St. Luke.	☽ rises	Morn.	7♉13	17 51	12
19		☉	21 S. aft. Trin.	4A36	0 22	19 5	21 58	□
20		M	Sun rise 7 17	5 0	1 8	1♊ 0	25 17	He
21		T	Ursula.	5 31	1 56	12 55	27 24	☌
22		W	Ps. Orange b.	6 18	2 48	24 58	28 20	rai
23		T	Term begins.	7 21	3 40	7♋ 8	27 54	Co
24		F	Sun set 4 36	8 34	4 33	19 28	26 7	wi
25		S	Crispin.	9 54	5 25	2♌ 2	22 58	rai
26		☉	22 S. aft. Trin.	11 18	6 15	14 55	18 38	Fr
27		M	Clo. slow 16 m	Morn.	7 4	28 8	13 19	Ma
28		T	S. Sim. & Jude.	0 43	7 51	11♍45	7 13	✱
29		W	Sun rise 7 34	2 7	8 38	25 52	0 32	mo
30		T	K. Geo. II. b.	3 36	9 27	10♎22	6S19	col
31		F	Sun set 4 23	5 10	10 19	25 1	13 1	wi

Day.	Saturn Long.	Saturn Decl.	Jupiter Long.	Jupiter Decl.	Mars Long.	Mars Decl.	Venus Long.	Venus Decl.
1	17♑44	4S 50	12♐16	21S57	4♏44	11N 5	4♐26	23S40
6	18 19	5 3	13 9	22 4	8 22	9 58	9 56	24 50
11	18 56	5 17	14 6	22 12	10 48	8 50	15 23	25 46
16	19 32	5 32	15 5	22 18	13 48	7 44	20 44	26 26
21	20 7	5 46	16 4	22 27	16 48	6S35	25 58	26 53
26	20 42	5 58	17 7	22 34	19 45	5 27	1♑ 4	27 0

Sun's Place.	Sun's Declin.	Long. ☿
19 0	7 S 27	5♎17
19 59	49	6 57
20 59	8 12	8 37
21 58	34	10 19
22 58	56	12 0
23 58	9 18	13 41
24 57	40	15 23
25 57	10 2	17 5
26 57	24	18 47
27 57	45	20 29
28 56	11 7	22 10
29 56	28	23 53
♏ 56	49	25 34
1 56	12 10	27 15
2 56	30	28 54
3 56	51	0♏35
4 56	13 11	2 15
5 56	31	3 55
6 56	51	5 33
7 57	14 10	7 12
Nov.	30	8 50
9 57	49	10 25
10 57	15 8	12 2
11 57	27	13 38
12 58	45	15 13
13 58	16 3	16 49
14 58	21	18 24
15 59	38	9 59
16 59	56	21 33
18 0	17 13	23 4
19 0	30	24 41

Observations.

D. H. M.

6 6 7, ☽ ad Cor ♏.

19 15 0, ☽ ad 7 Stars.

26 20 42, ☽ ad Cor ♌.

Hand of Antinous sou. 6 30 ni

✶ in Swan's tail south 7 night.

Fomahant south at 9 at night.

Cambridge Term begins.

Markab, or the bright Star in Pegasus so. 8h. 53m. Alt. 51°

Pointers north 8h. 45m. night.

7 ✶ south at 1 in the morning.

Days	♄ rises	♃ sets	♂ rises	♀ sets	☿'s Decl.
1	6m23	7a23	2m16	6a35	0 S 20
6	6 10	7 8	2 16	6 31	3 48
11	5 53	6 52	2 16	6 28	7 24
16	5 37	6 36	2 15	6 26	10 53
21	5 23	6 20	2 13	6 26	14 12
26	5 6	6 5	2 10	6 28	17 16

November, 1746.

Day	H.	M.	
New Moon	2	4	5 morn.
First Quarter	9	0	10 morn.
Full Moon	17	3	50 morn.
Last Quarter	24	10	38 morn.

Days	The Planets S				
	☿		♃	♂	
1	10	m 12	11	59	8 m
6	9	54	1	43	8
11	9	35	1	28	8
16	9	16	1	12	7
21	8	57	0	54	7
26	8	37	0	37	7

M.	D.	Holy Days, ☉ rises & sets	☽ rises & sets.	Moon South.	Moon's Place.	Moon's Decl.	Aſ &
1	S	All Saints.	☽ sets	11 m 14	10 ♍ 25	19 S 2	☽ P
2	☽	23 S. aft. Trin	3 a 53	0 a 14	25 42	23 53	Ill
3	M	Sun rise 7 42	4 33	1 19	10 ♐ 55	27 6	13
4	T	Sun set 4 16	5 32	2 25	25 50	28 18	Wi
5	W	Powder Plot.	6 48	3 28	10 ♑ 24	27 30	rain
6	♃	Cl. slow 15 m.	8 14	4 27	24 27	24 53	Clo
7	F	Day 8 h. 22 m.	9 39	5 19	8 ♒ 2	20 59	but
8	S	Sun rise 7 50.	11 4	6 8	21 8	16 7	☌
9	☽	24 S. aft. Trin.	Morn.	6 52	3 ♓ 51	10 4	Mil
10	M	Sun set 4 7	0 23	7 33	16 16	5 1	the
11	T	Martinmaſs.	1 37	8 13	28 25	0 N 46	Col
12	W	Day dec. 8 28	2 49	8 53	10 ♈ 24	6 23	froſt
13	♃	Cl. slow 13 m.	4 2	9 33	22 18	11 45	Wi
14	F	Pr. W-Hen. b.	5 11	10 16	4 ♉ 9	16 42	☽ A
15	S	Sun rise at 8	6 30	11 0	16 1	20 59	15
16	☽	25 S. aft. Trin.	☽ rises	11 48	27 55	24 28	and
17	M	Sun set 3 57	3 a 29	Morn.	9 ♊ 53	26 54	☌
18	T	Cl. slow 11 m.	4 10	0 38	21 58	28 9	✶
19	W	Prs. Wales b.	5 11	1 30	4 ♋ 9	27 59	□
20	♃	Sun rise 8 7	6 18	2 23	16 28	26 29	Fro
21	F	Sun set 3 52	7 35	3 15	28 57	23 38	mor
22	S	Cæcilia.	8 55	4 5	11 ♌ 38	19 36	Fog
23	☽	26 S. aft. Trin.	10 17	4 52	24 33	14 37	dri
24	M	Cl. slow 9 m.	11 39	5 38	7 ♍ 45	8 50	wea
25	T	Catherine.	Morn.	6 24	21 17	2 31	✶
26	W	Sun rise 8 12	1 3	7 10	5 ♎ 9	4 S 3	Fro
27	♃	Sun set 3 47	2 29	7 58	19 25	10 36	air,
28	F	Term ends.	3 59	8 49	4 ♏	16 45	☽ P
29	S	Cl. slow 7 m.	5 35	9 45	18 59	22 0	16
30	☽	Advent Sund.	7 12	10 46	4 ♐ 3	25 54	☌ A

Days	Saturn Long	Saturn Decl.	Jupiter Long	Jupiter Decl.	Mars Long	Mars Decl.	Venus Long	Venus Decl.
1	21 ♎ 23	6 S 14	18 ♐ 22	22 S 41	23 ♑ 18	4 N 5	6 ♓ 59	26 S 48
6	21 56	6 25	19 27	22 48	26 13	2 57	11 40	26 23
11	22 28	6 36	20 32	22 53	29 8	1 49	16 10	25 45
16	22 58	6 46	21 39	22 58	1 ♎ 59	0 44	20 19	24 54
21	23 28	6 57	22 47	23 3	4 50	0 S 26	24 9	23 57
26	23 57	7 6	23 55	23 7	7 38	1 31	27 33	22 49

Sun's Place	Sun's Declin.	Long. ☿
♈ 1	17 46	26 ♏ 15
1	18 2	27 48
2	18	29 20
2	33	0 ♐ 52
3	48	2 25
3	19 3	3 57
4	18	5 29
5	32	6 59
5	46	8 32
6	59	10 4
7	20 12	11 36
8	25	13 7
8	37	14 38
9	49	16 8
10	21 0	17 40
11	12	19 9
12	22	20 38
13	33	22 8
13	42	23 37
ecem.	52	25 6
15	22 1	26 35
16	10	28 4
17	18	29 30
18	26	0 ♑ 57
19	33	2 22
20	40	3 45
21	46	5 6
22	52	6 26
23	58	7 43
25	23 3	9 2

Observations.

D.	H.	M.	
5	0	38,	☽ ad ♀.
23	3	14,	☽ ad Cor ♌.
25	☿		ad λ in ♐ dist. 16′

The Head of Andromeda, and the bright * in Cassiopea's Chair so. 8h. 20m. night. Alt. 65° & 95°
Fomahant south at 8 at night.

The Pointers north 6h. 50m. night and morning.
Algenib south 8 h. 6m. night.
So. * in Whale's tail so. 8h. 22m.
Sirius rises 52m. past 9 night.

Fomahant south 6h. 16m. night
7 Stars south at 11 at night.
Sirius south at 2 morning.

Days	♄ rises	♃ sets	♂ rises	♀ sets	☿'s Decl.
1	4m 45	5 a 44	2 m 7	6 a 32	20 S 14
6	4 28	5 27	2 2	6 37	22 21
11	4 10	5 12	1 58	6 40	23 59
16	3 52	4 55	1 54	6 44	25 11
21	3 35	4 37	1 49	6 46	25 42
26	3 16	4 20	1 43	6 48	25 47

December, 1746.

	D.	H.	M.	
New Moon	1	2	15	aftern.
First Quarter	8	5	44	even.
Full Moon	16	10	13	night.
Last Quarter	24	8	56	morn.
New Moon	31	1	41	morn.

Days	The Planets	♄	♅	♂
1		8m 16	0 a 21	
6		7 56	0 37	
11		7 36	11m 46	
16		7 14	11 30	
21		6 53	11 13	
26		6 32	10 56	

M. D.	W. D.	Holy Days, ☉ rises & sets	☽ rises & sets.	Moon South.	Moon's Place.	Moon's Declin.	Aſ & w
1	M	Sun rise 8 16	☽ sets	11 m 51	19 8	27 S 56	☐
2	T	Sun set 3 44	4 a 8	0 a 57	4♍ 3	27 58	Ra
3	W	Cl. slow 5 m.	5 34	2 0	18 37	26 0	ſtor
4	T	Barbara.	7 4	2 57	2♐ 46	22 24	wa
5	F	Day dec. 9 8	8 32	3 49	16 27	17 43	✱
6	S	S. Nichol.	9 52	4 35	29 39	12 20	☌
7	☽	2 S. in Advent.	11 11	5 18	12♑ 25	6 33	Pr
8	M	Concep. V. M	Morn.	5 59	24 53	0 40	☍
9	T	Clo. slow 2m.	0 25	6 38	7♈ 3	5 N 4	Fri
10	W	Day dec. 9 12	1 35	7 19	19 1	10 33	mo
11	T	Sun rise 8 18	2 50	8 0	0♉ 54	15 37	Cl
12	F	Sun set 3 42	4 4	8 44	12 45	20 8	☽
13	S	Lucy.	5 16	9 30	24 39	23 43	18
14	☽	3 S. in Advent.	6 23	10 19	6♊ 38	26 26	☐
15	M	Cl. fast 1 m.	7 34	11 11	18 42	27 56	La
16	T	☽ Sapient.	☽ rises	Morn.	0♋ 57	28 7	wi
17	W	Ember Week.	3 a 54	0 4	13 21	26 57	wi
18	T	Chriſtoph.	5 9	0 57	25 55	24 19	ra
19	F	Sun rise 8 16	6 29	1 48	8♌ 39	20 28	ſle
20	S	Sun set 3 44	7 51	2 36	21 36	15 38	☌
21	☽	St. Thomas.	9 12	3 23	4♍ 45	9 57	Co
22	M	Twilight 2 11	10 35	4 8	18 5	3 50	da
23	T	Clo. fast 5m.	11 58	4 53	1♎ 40	2 S 39	un
24	W	Sun rise 8 14	Morn.	5 39	15 30	9 2	we
25	T	Chriſtm. Day.	1 23	6 26	29 35	15 6	☍
26	F	St. Stephen.	2 54	7 20	13♏ 55	20 30	☽
27	S	St. John.	4 27	8 17	28 29	24 45	19
28	☽	1 S. aft. Chriſt.	5 58	9 18	13♐ 8	27 27	☌
29	M	Sun set 3 51	7 17	10 22	27 48	28 15	Sa
30	T	Prs. Eliz. bo.	☽ sets	11 26	12♑ 23	27 5	☍
31	W	Sylveſter.	4 a 17	0 a 27	26 44	24 6	☽

Day	Saturn Long	Saturn Decl.	Jupiter Long	Jupiter Decl.	Mars Long.	Mars Decl.	Venus Long.	Venus Decl.
1	24♎23	7 S 14	24♑49	23 10	10♎25	2 S 35	0♏22	21 S 38
6	24 48	7 23	26 12	23 12	13 9	3 38	2 35	20 24
11	25 10	7 30	27 21	23 14	15 51	4 40	4 0	19 10
16	25 30	7 36	28 30	23 16	18 27	5 40	4 27	18 0
21	25 49	7 43	29 38	23 17	21 5	6 33	3 55	16 58
26	26 4	7 47	0♒46	23 17	23 35	7 27	2 20	16 8

Sun's Place.	Sun's Declin.	Long. ☿	Observations.
26	23 S 8	10♈15	Two Pointers nor. 5h. 30m. even
27	12	11 26	Bright * Whale sou. 7h. 33m. ni.
28	15	12 32	Bright * of ♈ sou. 8h. 26m. ni.
29	19	13 35	Max. elong. ☿ vesp. 20° 12′
30	21	14 35	
31	24	15 26	
32	26	16 13	Aldebaran sou. 10h. 37m. nig.
34	27	16 56	♂ cum ♀ in ♏.
35	28	17 26	Seven Stars south 9h. 40m. nig.
36	28	17 48	Shortest Day 7 hours 24 min.
37	23 28	18 0	Camb. Term ends the 16 Day.
38	28	18 ℞ 3	*Blest be the Men, thrice happy may they be,*
39	27	17 55	*That labour to procure a lasting Peace;*
41	25	17 34	*O! may they act in real Sincerity,*
42	23	17 0	*To heal all Wounds, and give to* Europe *Ease:*
43	21	16 16	*But blast those Traitors that do lurking lie,*
44	18	15 20	*To blow the Coals of* Europe's *Misery.*
45	15	14 15	
47	11	13 1	
48	7	11 40	Aldebaran south 9h. 38m. night
			January 1747. New Style.
50	22 57	8 59	Syrius south 11h. 42m. night.
51	51	7 42	
53	45	6 28	
54	38	5 26	
55	31	4 28	
56	24	3 33	
57	16	2 56	
58	8	2 24	
59	21 59	1 56	
1	50	1 45	

Days	♄ rises	♃ sets	♂ rises	♀ sets	☿'s Decl.
1	2m 54	4a 3	1 m 35	6a 45	25 S 9
6	2 36	rises	1 29	6 42	24 5
11	2 17	8m 4	1 24	6 31	26 36
16	1 56	7 49	1 16	6 22	21 20
21	1 34	7 32	1 9	6 0	20 24
26	1 14	7 15	1 2	5 36	20 8

A TABLE of the Rising, Southing, and Se
the *Pleiades*, or Seven Stars, for every Fifth
in the Year, of excellent Use to find the Ho
the Night.

Months & Days.	Rise. H.	Rise. M.	South. H.	South. M.	Sets. H.	Sets. M.
Jan. 1	11	M. 39	7	A. 56	4	M. 13
6	11	17	7	34	3	51
11	10	56	7	13	3	30
16	10	35	6	52	3	9
21	10	15	6	32	2	49
26	9	55	6	12	2	29
Feb. 1	9	31	5	48	2	5
6	9	12	5	29	1	46
11	8	52	5	9	1	26
16	8	34	4	51	1	8
21	8	15	4	32	12	A. 49
26	7	56	4	13	12	30
Mar. 1	7	45	4	2.	12	19
6	7	27	3	44	12	1
11	7	7	3	24	11	41
16	6	49	3	6	11	23
21	6	31	2	48	11	5
26	6	13	2	30	10	47
Apr. 1	5	51	2	8	0	25
6	5	33	1	50	0	7
11	5	14	1	31	9	48
16	4	55	1	12	9	29
21	4	37	0	54	9	11
26	4	17	0	34	8	51
May 1	3	58	0	15	8	32
6	3	38	11	M. 55	8	12
11	3	18	11	35	7	52
16	2	58	11	15	7	32
21	2	38	10	55	7	12
26	2	18	10	35	6	52
June 1	1	54	10	11	6	28
6	1	32	9	49	6	6
11	1	12	9	29	5	46
16	12	A. 51	9	8	5	25
21	12	30	8	47	5	4
26	12	10	8	27	4	44

Months & Days.	Rise. H.	Rise. M.	South. H.	South. M.
Jul. 1	11	A. 49	8	M. 6
6	11	29	7	46
11	11	9	7	26
16	10	49	7	6
21	10	30	6	47
26	10	10	6	27
Aug. 1	9	48	6	5
6	9	29	5	46
11	9	10	5	27
16	8	52	5	9
21	8	34	4	51
26	8	16	4	33
Sep. 1	7	54	4	11
6	7	36	3	53
11	7	18	3	35
16	6	58	3	16
21	6	40	2	57
26	6	22	2	39
Oct. 1	6	4	2	21
6	5	45	2	2
11	5	26	1	43
16	5	7	1	24
21	4	48	1	5
26	4	28	0	45
Nov. 1	4	4	0	21
6	3	43	0	A. 0
11	3	23	11	40
16	3	1	11	18
21	2	40	10	57
26	2	18	10	35
Dec. 1	1	56	10	15
6	1	34	9	51
11	1	12	9	29
16	0	M. 50	9	7
21	0	28	8	45
26	0	6	8	23

W I N G.

A

ROGNOSTICATION,

For the Year of our

LORD GOD, 1746.

Explanation of the Characters made uſe of in this Almanack.

The Seven Planets and Five Aſpects.	The Twelve Signs.
♄ Saturn	♈ Aries
♃ Jupiter	♉ Taurus
♂ Mars	♊ Gemini
☉ The Sun	♋ Cancer
♀ Venus	♌ Leo
☿ Mercury	♍ Virgo
☾ The Moon	♎ Libra
☌ Conjunction	♏ Scorpio
✶ Sextile	♐ Sagittary
□ Square	♑ Capricorn
△ Trine	♒ Aquarius
☍ Oppoſition	♓ Piſces

NDON: Printed by *W. Botham*, for the Company of STATIONERS.

I. A Compendious Chronology of Memo Things ſince the Creation to this pr Year.

A.P.J.	*before Chriſt.*	
710	4004	The Creation of the World
1766	2948	*Noah* Born
2366	2348	*Noah*'s Flood began
2481	2233	The *Babylonian* Monarchy eſtabliſhed
2718	1996	*Abraham* born
2986	1728	*Joſeph* ſold into *Egypt*
3143	1571	*Moſes* born
3223	1491	The *Iſraelites* Departure out of *Egypt*
3530	1184	*Troy* taken and deſtroy'd by the *Greeks*
3710	1004	*Solomon*'s Temple built and dedicated
4126	588	*Jeruſalem* and the Temple deſtroy'd
4176	538	*Daniel* delivered from the Den of Lions
4198	516	The Temple of *Jeruſalem* rebuilt
4391	323	The Death of *Alexander the Great*
4710	4	The true Year of *Chriſt*'s Birth
4714	0	The vulgar Year of *Chriſt*'s Birth

A.D.	
33	The Paſſion and Reſurrection of *Jeſus Chriſt*
70	*Jeruſalem* and the Temple deſtroyed by *Titus*
100	St. *John*, the laſt of the Apoſtles, dies, *Dec.* 20.
313	Chriſtianity triumphs under *Conſtantine*
476	*Auguſtulus* the laſt *Roman* Emperor depoſed
606	The wicked *Phocas* makes Pope *Boniface* Head of the Church
608	*Mahomet* broaches his Impoſture at *Mecca*
872	*Italy* and *Rome* plundered by the *Saracens*
1012	*Swain* King of *Denmark* conquers *England*
1066	*William* Duke of *Normandy* conquers *England*
1110	Arts and Sciences taught in *Cambridge*
1119	The firſt War between the *French* and *Engliſh*
1300	The Mariners Compaſs invented
1330	The *Canaries* diſcovered by an *Engliſh* Ship

	Years since.
npowder and the Uſe of Guns firſt found out	366
ſtantinople taken from the *Chriſtians*	293
e *Perſians* conquer'd by *Tamerlane*	283
e plunder'd by the Duke of *Bourbon*	246
rtin *Luther* firſt diſputed againſt Popery	229
land ſeparated from the Church of *Rome*	210
e *Spaniſh Armado* defeated by the *Engliſh*	158
Eliz. dies, *March* 24, and K. *James* I. began	143
d of the Plague in *Lond.* in 2 Years 68,596	142
npowder Treaſon, *Nov.* 5.	141
e New River Water brought to *London*	133
e excellent Sir *Walter Ra'eigh* beheaded	128
ames I. died. K. *Charles* I. began, *Mar.* 27.	121
17 Perſons died of the Plague in *London*	121
e cruel *Iriſh* Maſſacre began, *October* 23.	105
leigh-houſe ſtorm'd by *Cromwel*, *July* 24.	3
Charles I. barbarouſly murdered, *Jan.* 30.	97
g *Charles* II. reſtored, *May* 29.	86
86 Perſons died of the Plague in *London*	81
don burnt, and a great Sea-Fight with the Dutch	80
declared againſt the *Dutch*, *March* 17.	74
reat Snow for 11 Days together	72
e Town of *Northampton* burnt, *Sept.* 3.	71
reat and ſplendid Comet appeared	66
e great Froſt that held 13 Weeks	62
Cha. II. died, *Feb.* 6. and K. *James* II. began	61
e Duke of *Monmouth* beheaded, *July* 15.	61
n Biſhops ſent to the *Tower*, *June* 8.	58
g *James* II. abdicated, *December* 12.	58
William and Q. *Mary* crown'd, *April* 11.	57
e *French* Fleet intirely defeated by the Engliſh	54
iteball Palace intirely deſtroyed by Fire, except the *Banquetting-Houſe*	48
William died, *March* 8, and Q. *Ann* began	44
Ann proclaimed War againſt *France*, *May* 4.	44
reat and terrible Wind, *Nov.* 26, and 27.	43
altar taken by the *Engliſh*	42

A.D.

1707 *England* and *Scotland* united, *May* 1.
1709 *Sacheverel* preached his seditious Sermon, *Nov.*
1710 Riots and great Disturbances in *England.*
1714 Q. *Ann* died, *Aug.* 1. and K. *George* I. began
1715 A famous Total Eclipse of the ☉ in *England*, *April* 22. in the Morning
1715 A Rebellion in *Scotl.* and *Lancashire* suppress'd
1716 A great Frost in the Beginning of this Year
1718 The *Spanish* Fleet destroy'd by Admiral *Byng* near *Syracuse*, *July* 31.
1719 A surprizing Meteor seen, *March* 19, at 8 Night
Mr. *Flamstead*, a celebrated Astronomer, di *December* 31.
1727 The incomparable Sir *Isaac Newton* died *Mar.*
1727 K. *George* I. died, *June* 11, and K. *George* began
1734 The Prince and Princess of *Orange* marri *March* 14.
The Battle of the *Breeches* in *Italy*, *Sept.* 4
1736 The Prince and Princess of *Wales* married, *Ap.*
1739 Letters of Marque published in *London* aga the *Spaniards*, *July* 16.
1739 Adm. *Vernon* sails for the *West-Indies*, *July*
1739 War declared by *Great Britain* against *Sp October* 23.
1739 *Porto-Bello* taken and destroy'd by Adm *Vernon*, *Nov.* 22.
1740 Fort *Chagre* taken and destroy'd, *March* 2
1740 A very severe Frost from *Dec.* 25. to *Feb.*
1742 A Comet appeared from *Feb.* 18. to *Mar.*
A Conjunction of ♄ and ♃ *Aug.* 18th in
1743 A Splendid Comet appeared from *December* to *February* 18. in ♈.
1744 *March* 4. *France* declared War against *Eng* and *March* 31. *England* declared War a *France.*
1745 *Cape Breton* taken from the *French*, by C modore *Warren*, *June* 16.

n Account of the ECLIPSES, and er Aſtronomical Appearances, in the r 1746.

ere will be four Eclipſes within the Circumference f this Year, viſible to one part of the World or other, one of them ſo to the Inhabitants of the *Britiſh* Iſles. firſt is of the Moon on *Monday* the 24th Day of *Fe-* at 45 minutes paſt 3 in the Afternoon; it will be a clipſe in *Aſia*, and the Eaſtern parts of *Europe*, but no it viſible in *England*, the whole Eclipſe being over f an hour before the Moon riſes.

ſecond Eclipſe is of the Sun on *Tueſday* the 11th Day *b*, about 3 in the Morning, ſo conſequently inviſible.

hird Eclipſe is of the Moon, on *Tueſday* the 19th Day *ſt*, a viſible Eclipſe.

	D.	H.	M.	
Beginning *Auguſt*	19	10	35	at night.
Middle		11	58	
End	20	1	20	
Duration		2	45	

Digits Eclipſed 6° 3″ on the North ſide.

ourth and laſt Eclipſe is of the *Sun* on *Thurſday* the of *September* at 9 at Night, therefore inviſible.

Moon makes ſeveral viſible Applications to the *Pleia-* Stars this Year; but the firſt, that I ſhall recommend Curious, is on *Monday* the 23d of *December* 1745, at utes paſt 6 in the Evening, when the Moon will e- veral of thoſe Stars. The Times of ſome others Occultations are as follow:

b the 15th Day, 26 minutes paſt 6 in the Evening.
the 30th Day, 30 minutes paſt 5 in the Morning.
mber the 22d Day, 36 minutes paſt 8 at Night.
r the 20th Day, at 3 in the Morning.

hich times the ſeven Stars, or ſome of them, will ured, by the Interpoſition of the Moon's dark body them and us; for other Aſtronomical Appearances *Calendar*,

III. A Table of the Eclipses of *Jupiter*'s first Moon Year 1746. *N.B* Those marked with a * wi ble in *England*

Immersions. *January.*			Immersions. *March.*			Immersions. *May.*			Emersi *June*	
D.	H.	M.	D.	H.	M.	D.	H.	M.	D.	H.
2	15	44	2	1	18	1	5	39	28	17
4	10	12	3	19	47	3	0	7	30	11
6	4	40	5	14	*16	4	18	36	*Jul*	
7	23	8	7	8	45	6	13	*4	2	6
9	17	*36	9	3	14	8	7	33	4	0
11	12	3	10	21	43	10	2	1	5	19
13	6	31	12	16	*12	11	20	30	7	13
15	1	0	14	10	41	13	14	*58	9	8
16	19	*27	16	5	10	15	9	*27	11	2
18	13	55	17	23	40	17	3	55	12	21
20	8	22	19	18	8	18	22	23	14	15
22	2	50	21	12	*38	20	♂	♃ ☉	16	10
23	21	19	23	7	7	Emersions.			18	5
25	15	*47	25	1	36	22	13	*27	19	23
27	10	16	26	20	5	24	7	*56	21	17
29	4	44	28	14	*33	26	2	24	23	12
30	23	13	30	9	2	27	20	52	25	6
February.			*April.*			29	15	20	27	1
1	17	*41	1	3	31	31	9	*48	28	19
3	12	10	2	22	0	*June.*			30	13
5	6	38	4	16	*29	2	4	17	*Aug*	
7	1	7	6	10	58	3	22	45	1	8
8	19	35	8	5	27	5	17	13	3	4
10	14	4	9	23	55	7	11	*42	4	21
12	8	32	11	18	24	9	6	10	6	15
14	3	0	13	12	*53	11	0	38	8	10
15	21	29	15	7	22	12	19	7	10	4
17	15	*57	17	1	50	14	13	35	11	23
19	10	26	18	20	19	16	8	* 3	13	17
21	4	55	20	14	*48	18	2	31	15	12
22	23	23	22	9	15	19	21	0	17	6
24	17	*52	24	3	44	21	15	27	19	1
26	12	21	25	22	13	23	9	*56	20	19
28	6	49	27	16	42	25	4	24	22	14
			29	11	*10	26	22	52	24	8

ersions.	Emerſions.		Emerſions.		Immerſions.		
uguſt.	*September.*		*October.*		*December.*		
H. M.	D. H. M.		D. H. M		D. H. M.		
3 15	21 16 36		18 5 53		6	♂	☌ ☉
21 45	23 11 5		20 0 ✱ 22				
16 14	25 5 34		21 18 ✱ 50		The Light		
10 43	27 0 4		23 13 19		of the Sun		
tember.	28 18 33		25 7 47		now hinders		
5 13	30 13 2		27 2 16		us from ſee-		
23 42	*October.*		28 20 45		ing either		
18 12	2 7 ✱ 32		30 15 13		*Jupiter* or		
12 41	4 2 1		*November.*		his Planets.		
7 ✱ 10	5 20 30		1 9 42				
1 40	7 15 0		3 4 10		22	15	4
20 9	9 9 28		4 22 39		24	9	32
14 38	11 3 57		6 17 7		26	4	0
9 8	12 22 26		8 11 36		27	2	28
3 37	14 16 55		10 6 4		29	16	55
22 7	16 11 24		12 0 32		31	11	23

Eclipſes of the reſt of ♃'s *Satellites* viſible under the
n of *London* or near it

y.		*April.*			*July.*		
M.	*Satell.*	D. H.	M.	*Satell.*	D H.	M	*Satell*
16	4	17 11	44	2 I.	14 8	13	4
8	3 E.	21 14	16	4	15 10	46	2 E.
41	3 I.	24 14	19	2 I.	22 9	42	3 E.
14	2 E.	*May.*			31 10	57	3 I.
49	2 I.	4 11	14	3 I.	*Auguſt.*		
y.		11 15	12	3 I.	9 7	56	2 E.
6	4	12 18	47	2 I.	*September.*		
27	3 I.	19 11	32	2 I.	3 6	58	3 I.
54	3 E.	*June.*			10 7	48	2 E.
51	2 I.	2 11	15	4	19 7	59	4 I.
28	2 I.	6 8	32	2 E.	*October.*		
b.		9 9	41	3 E.	9 5	58	3 E.
8	4	13 11	7	2 E.	12 7	40	2 E.
52	3 E.	16 13	39	3 E.	*November.*		
36	2 I.	20 13	42	2 E.	6 4	52	2 E.
20	3 I	*July.*			*December.*		
		8 8	11	2 E.	28 19	23	4 I.

Note,

Note, under the Word *Satell.* the Number shew *Satellite* Eclipſed, and the letters I. E. if an Immer Emerſion.

IV. An *Explanation* of the *Harveſt-Moon*, the *Full Moon* neareſt the *Autumnal Eq* and why it *riſes* ſo much ſooner *after* every Evening, than any other *Full M* the *Year*.

THE Moon as it is the moſt beautiful Object in ſo it is the moſt uſeful and neceſſary part Creation; by her Influence all Vegetables and Ani preſerved from certain Deſtruction; her Motion r our Time and Tides, and her Light alleviates the ſolate Darkneſs of our winter Nights, by reſtoring the Bleſſings of the abſent Luminary; and tho ſmall in bulk, if compared to the other Stars, ſhe reflect more Light to us, than all theſe Stars t ther; ſhe not only ſoftens the Melancholy of the N is a true *Satellite* placed near the Dwelling of Mank an active Centinel in many ſucceſſive Poſts to g Signals and Notice from each.

But, amongſt the vaſt Variety of Uſes which t is of to Mankind in general, there is no Circum her Motion or Influence that ſo much affects th Country-man and labouring Farmer as the manne riſing after the Full in the time of Harveſt, ſo ve at the ſame Hour for ſeveral Nights together; they much admire, and diſtinguiſh that Full Moo Name of the *Harveſt Moon*, piouſly ſuppoſing it ordered by the beneficent Diſpoſer of all things particular Uſe and Service at that time when the ance of their Labour is ſo very neceſſary, and of eſt Conſequence to all Mankind.

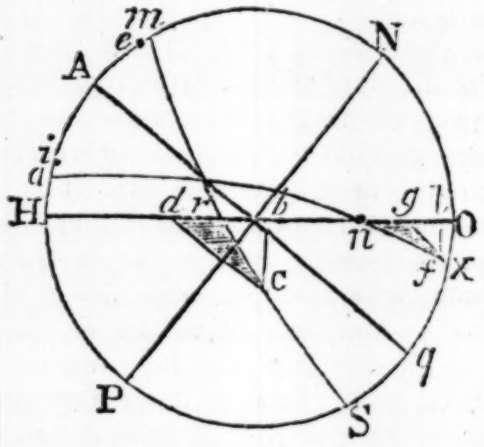
That nothing like ſuch a natural Protractio Day happens at any other ſeaſon of the Year, a may be ſatisfied by obſerving the times of the Mo immediately after every other Full Moon in the

e exactly noted down in the ſeveral Months in the
r part of this Almanack ; where we ſee that
e ſeaſons of the Year, eſpecially about the time of
ring Equinox (when no ordinary Labour is ſo ne-
in the Field after Sunſet) there will be found more
n Hour and half's difference in the times of its riſing
two Nights, and, on the 3d Night after the Full
it will not riſe in leſs than four Hours and a half
unſet ; for Inſtance, on *Febʳuary* the 24th in the
g there is a Full Moon, the Sun ſets that Evening at
nutes after 5 ; on the third Day after. *viz.* *Feb.* the
the Moon does not riſe till 19 Minutes after 10 at
which is 4 Hours 48 Minutes after Sunſet on the
ght after the Full Moon : Whereas, after the Full
in the Month of *Auguſt*, there will be no more
Minutes difference in the time of her riſing on any
ights, or it will not be full half one Hour in the
f its riſing after the Sun is ſet on the 3d Night af-
e Full Moon.

hough the Cauſes of theſe different Appearances are
l, and will be accounted for preſently ; yet we ought
k upon theſe ſeaſonable and uſeful Adjuſtments of
oon's Motions, as the Deſign of Divine Providence,
worthy of our Admiration to obſerve the Purpoſes of
e Wiſdom and Goodneſs, in Favour of Mankind.

we ſay the Cauſe of the Moon's riſing in the Harveſt
, in the Manner as related, is owing to the Oblique Poſi-
f that part of the Globe on which we dwell, and the fit
tment of the Moon's Orbit to our Horizon, we ſhall ſay
; and the following Diagram will demonſtrate that it is
nd that no other Diſpoſition could be ſo advantageous as
ve the Moon's Orbit ſo circumſtanc'd in the Time of Har-
in order to add time to the length of the declining Days.
at my Demonſtrations may be as clear and evident
e Nature of the thing will admit, I have projected the
on that the Moon's Orbit will (always very nearly)
to our Horizon at or near the time of the Full Moon
utumn, and alſo, at or near the time of the Vernal
Moon; ſo that, by comparing theſe different Situations
e Moon's Orbit at thoſe different Seaſons of the Year,
Contraſt will be readily ſeen. I have omitted, in the

Projection, the Ecliptick, and the Vertical Circles
through the Interſection of the Moon's Orbit and
zon, *&c.* becauſe I would not croud the Scheme too
or puzzle my unlearned Readers more than is neceſſary
have given ſuch *Data* that any Perſons, if but lit
quainted with Spherical Projection, may inſert the
they pleaſe; and to ſuch as have no Acquaintance the
the Omiſſion will be no Loſs.



This Figure, Scheme, or Diagram (call it which you
is a Projection of the Earth's Axis, the Equator, the
rizon and the Moon's Orbit (at two different times
on the Plane of the Meridian HNOP. Note NP. repre
the Earth's Axis, *A q* the Equator, HO the Horizon,
c s, the Poſition of the Moon's Orbit at or near the ti
the Vernal Full Moon; *a n f x*, the Situation of the M
Orbit at or near the time of the *Autumnal* (or Har
Full Moon.

In the firſt Caſe, let *r* be the place of the Moon a
time of her riſing, on any Night after the Full Moon
eſt the Vernal Equinox; ſuppoſe *February* 26 Day at
46 m. when her Longitude is 20° 5′ ♎, and Latitude
South. her Place at the time of her Riſing the next
after will be *c*. Longit. 5° 46′ M 7, and Lat. 3° 3′

$c = 15^{\circ}\ 41'$ is the quantity of the Moon's Motion
own Orbit in that time (or nearly ſo.)
the ſecond Caſe, let *n* be the Place of the Moon at the
of her riſing, on any Night after the Full Moon in
eſt: Suppoſe *Auguſt* 23 Day at 7 h. 25 m. her Longit.
$1'$ ♈, and Lat. $3^{\circ}\ 21'$ *North*, at the time of her ri-
the next night after ſhe will be removed from *n* to *f*,
her Longitude will be $5^{\circ}\ 45'$ ♉, and Lat. $4^{\circ}\ 6'$ *North*,
$f = 11^{\circ}\ 54'$ is the quantity of her Motion in that

ence it is evident that in the Harveſt Moon her Diur-
Motion in her own Orbit depreſſes her below the Ho-
no more than the quantity of the line *l f*, whereas,
e Vernal Moon, that Depreſſion is equal to the line *b c*,
his Difference of Depreſſion, and conſequently in the
s of riſing, depends as I before obſerved, principally
not intirely) upon the different Obliquities of the
's Orbit to our Horizon at thoſe times: The L *m r* H
e Angle of the Moon's Orbit with the Horizon, at the
al Full Moon, which at the time of her riſing on *Feb.*
is $55^{\circ}\ 15'$. And the Angle *a n* H. is the Oblique
ſion of the Moon's Orbit at the time of the Harveſt
Moon, which at the time of her riſing *Auguſt* 24th is
ere than $7^{\circ}\ 15'$; and what Proportion there is be-
n theſe two Angles, ſuch will be (nearly) the Diffe-
between the times of the Moon's riſing on any two
ts after her Full in the Spring and Harveſt; more pre-
the Difference will be as the lines *d c* are to *g f*, it
by thoſe two lines, that (whilſt the Moon is moving
ard in her own Orbit) ſhe is brought to our Horizon
e Diurnal Motion of the Earth upon its own Axis,
uantities of which lines are thus found; and firſt for
ne *d c*.

the Triangle *c d r* is given the Angle *c d r* $= 34^{\circ}\ 24'$
nd by a prior *Calculus*) the ſide *r c* $= 15^{\circ}\ 45'$ the Moon's
al Motion, and the Angle *c r d*. the Comp. of *m r*
$5^{\circ}\ 15'$, the Angle of the Moon's Orbit, with the Ho-
, to find *d c*,

As S. $34^{\circ}\ 24'$: S, $15^{\circ}\ 45'$:: S, $55^{\circ}\ 15'$: S, $23^{\circ}\ 15' = c d$.
9.75204 9.42367 9.91468 9.59630.

the

the ſide required, which, turned into time, gives 1
min. the difference of the times of the Moon's nightl
ſings after the Vernal Full Moon.

Secondly for the line *g f*,

Say, As S. 41° 31′ : S, 11° 54′ :: S, 7° 15′ : S, 2° 15
9.82141 9.31430 9.10105 8.59396
the ſide required, which, turned into time, gives 9
only, for the difference of the Moon's nightly Riſings
time of Harveſt.

Thus having given my Readers a practical Illuſtrati
the Nature and Circumſtances of the Harveſt Moon,
only obſerve, that at the time of this Example the M
Orbit is ſo diſpoſed as to make the difference, in the
of her riſing on any 2 Nights, the leaſt almoſt that c
firſt on account of the Moon being in *Apogee*, whe
Motion becomes ſlower than at any other time, and
quently, the Ark *n f* becomes ſhorter, and the Moo
ing leſs depreſſed under the Horizon riſes the ſoone
condly, on account of her *Northern* Latitude, by whi
Orbit becomes the more Oblique, which Accident do
help to leſſen her Depreſſion, and haſten her Riſing.

Obſervations upon the four Quarters of
Year, and upon the Influence of the Pl
therein.

Hermes, *rouſe up, and dictate to my Pen,*
Conſider firſt, then tell us how and when
The ſtarry Fate our Hurt will leſs conſpire,
And War that Scourge of Nations will expire;
When France *and* Spain *will receive their Doom,*
And Peace, deſired Peace, will calmly come.

THere appears at the very Commencement of the
nomical Year, and this preſent Spring Quarter (wh
the 9th Day about Sunſet) a Diſpoſition amongſt th
tending to Violence and Miſchief. The Moon in
grees of ♓ in *Quartile* to ♊ his Diſpoſitor, and a
to the ☌ of ♅; alſo *Saturn*, ariſing in the Eaſt, an

fing him from the 7th Houſe, and both in *Cardinal* , ſtrong and powerful, are Circumſtances which dit-, not only the Will but the Abilities of ſome vio- Perſons in procuring Diſturbances and new Cauſes of ention between neighbouring Powers, which in a lit- me will be productive of extraordinary Events and tions in the World.

t the time of the New Moon (the neareſt Lunation ding this Vernal Equinox) the Poſition of the Celeſtial , and the Diſpoſition of the Planets therein, are as re- nted in the Scheme above; in which it is obſervable, all the Planets are under the Earth except the two Su- rs ♄ and ♃; that the Moon is ſeparating from *Venus* *Mercury*, and ſtrongly applying to the Oppoſition of ♄ Conjunction of ♂.

iſcord ſeems to be let looſe upon Mankind, and to have the World with Terrors and Diſtractions; ſome are

endea-

endeavouring to preſerve themſelves; others to pre
Storms and Dangers which their own Weakneſs and
vertency have expoſed them to; ſome are preparing
deſtroy their Neighbours, and others to balance ſwe
and prevailing Powers, and in truth here appears a
plicity of Actions in moſt parts of the World.

Although we certainly ſhould not be ſlaviſhly afrai
the Signs of Heaven, but rather fear him that made
whole Heaven and its Furniture: Yet we ſhould not
much ſlight and neglect ſuch Celeſtial Monitions, e
ally when they fall in with ſuch ſtupendious and am
mundane Affairs and Alterations as have happened u
the Influence of the late great ☌ of ♄ and ♅ in 27
grees of ♌, and the two late Comets.

It is not ſays the learned Sir *T. B.* ſo much a Wo
that Comets appear, or that there ſhould be Conjunc
of *Saturn* and *Jupiter* in the fiery Trigon, but that
ſame ſhould fall out at a remarkable time, or poin
ſome deciſive Action: That the Contingency of the App
ance ſhould be confirmed to that time: That thoſe
ſhould make one line in the Book of Fate, and ſtand
ther in the great *Ephemerides* of God, beſides the Phi
phical Aſſignment of the Cauſe, it may admit a Chriſtian
prehenſion in the Signality.

And we ought to have the greater Apprehenſion of
Signality of theſe Appearances, inaſmuch as they ha
from Phyſical Bodies that wax not old, or decay, but w
look as freſh and vigorous now, as at the beginning o
World; whereas the Lives of poor ſhort-liv'd Men, a
of Commonwealths, Kingdoms, Honours, *&c.* run no
on an *Helix* that ſtill enlargeth, but on a Circle, wher
riving to their Meridian they decline in Obſcurity, an
under the Horizon.

We ſeem to be arrived at that Age of the World
which may be applied the Prophecy of *John Cyprian*
tioned by Mr. *Pugh* in his Collections: And, though
not very fond of Prophecies, yet as the Words of this
conſonant to the Significations of the late and preſen
leſtial Meſſages, and ſo particularly explain what I ha
ſay, upon this Year's Revolution, I have choſen to do
thoſe Words, which are as follow:

he angry Heavens by fearful Viſions, foredooming
ers, and ſtrange Comminations of Planets do prog-
cate to the Sinful World the Alterations of Chriſti-
ingdoms, Fall of Princes, Overthrow of Common-
ths, Deſolation of Countries, and Ruin of Cities,
ns, and Villages Earthquakes, Floods, and mighty
eſts, whereby the whole World is annoyed. Alſo, by
arious Courſe of the Elements, all Nations under the
it of the Sun will be vexed with bloody Wars; Fa-
Death, Scarcity of Corn and many other ſtrange and
l Accidents, as well in *Europe* as other parts of the
d; all which come to paſs for the manifold Sins and
ption of Mankind, which nothing but the Majeſty of
of his meer Mercy can prevent.

the Poiſon of theſe venefick Preſages fall upon the
s of *Great Britain*, and let ſuch as envy *England's*
ment and Happineſs feel the ſharp Arrows of theſe
s, as indeed I conceive they will; not that I can or
ſt, that we in theſe Iſlands ſhall be free from the
ing Influences of the angry Stars. All cannot be hap-
nce, the Glory of one State depends upon the Ruin
her, there is a Revolution and Viciſſitude of their
ſs, and they muſt obey the Motion of that Wheel
by the Hand of God, whereby all Eſtates ariſe to
nith and Vertical Points according to their predeſti-
riods.

ummer Quarter begins with the Sun's Entrance into
on the 10th Day of *June* at 5 in the Afternoon.

utumnal Quarter begins, when the Sun enters *Li-*
he 12th Day of *September* at 6 in the Morning.

Winter Quarter begins, or the Sun enters *Capricorn*,
the 10, 40 min. paſt 9 at Night.

ates of the Temple of *Janus* will ſcarce be ſhut this
owever towards the latter End hereof the Minds of
ome more mild and calm, and have ſtrong Deſires
e and a Reconciliation of Differences: And ſome
power-

powerful Overtures are made to the contending P
put an End to the ſad Calamities many unhappy
expoſed to, who would be glad of Peace on any
but it is to be feared, that the Seed of Diſcord, wh
French have ſown in *Italy* and *Germany*, will not be
out in haſte.

May Europe's *Monarchs baniſh from their Thron*
Inſulting Spencers, *and proud* Gaveſtones.
May Britain's *Monarch keep* Great Britain *free,*
From cruel Wars, and dire Calamity
May home-bred Traytors, Monſters of the Age
Become the Object of the People's Rage.
May Trade and Plenty in this Land increaſe,
And all the good Effects of bleſſed Peace.

F I N I S.
